electrical connections -- sort of, you know, generally a thin antenna structure and make electrical connection. So multiple techniques here to make electrical connectivity between components.

MR. DOUGLAS: Okay. I mean, I think this is a good time to take a break and go off the record, please.

THE WITNESS: Okay.

(WHEREUPON, a recess was had.)

BY MR. DOUGLAS:

Q Before the break, Dr. Anthony, we were talking about the Chang reference and column 13, lines 1 through 5.

Do you recall that discussion?

A Yes.

Q And in your opinion, a person of ordinary skill in the art reading Kim, would that person of ordinary skill in the art know how to implement a thin FPCB antenna, hot bar soldering structure, or an FPCB contact structure as it's used in column 13, lines 1 through 5 of Kim?

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
160 of 220

MR. AMON: Objection. Incomplete hypothetical --

BY THE WITNESS:

A You mean --

MR. AMON: Objection. Incomplete hypothetical. Calls for speculation. Outside the scope.

You can go ahead and answer, Dr. Anthony.

BY THE WITNESS:

A I'm confirming you said Kim, but we're talking about Chang.

BY MR. DOUGLAS:

Q I meant Chang. My error. Let me reask the question.

And in your opinion, a person of ordinary skill in the art reading Chang, would that person of ordinary skill in the art know how to implement the disclosed thin FPCB antennae, hot bar soldering structure, or FPCB contact structure for bonding flexible conductive member 500 and circuit region 453 as it's disclosed in column 13, lines 1 through 5 of Chang?

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
161 of 220

MR. AMON: Objection. Incomplete hypothetical. Calls for speculation. Outside the scope.

But you can go ahead, Dr. Anthony.

BY THE WITNESS:

A I didn't opine about that particular paragraph in isolation for forming my opinions. I can review more of the Chang reference here.

As is further described, again this is not something I opined on in particular, but a POSITA reading Chang would also read at the top of column 17: An operation 30, an operation of bonding and connecting the flexible conductive member 500, the patent is through the opening inside the first sealing member 600 to the circuit region in Figure 7a may be performed.

Mutual contact faces between the flexible conductive member 500 and the circuit region 453 may be designed to be bonded with a thin FPCB antenna (TFA) or hot bar soldering structure or an FPCB contact structure.

With this bonding, the flexible conductive

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
162 of 220

member 500 and the circuit region 453 may be electrically connected to each other and may transfer a signal or a pressure, which is transferred from the fingerprint recognizing member 450 to the inside of the electronic device.

So certainly a POSITA would understand the need to connect things and be familiar with multiple ways to do so.

BY MR. DOUGLAS:

Q If we look at Figure 10 of the Chang reference, please. And along with Figure 10, I would like to look at the corresponding text that starts on column 12, line 27.

A So Figure 10 I have -- I'm just noting I have highlighted or annotated on Page 33 of my declaration, I describe it in Paragraph 47.

Okay.

Q And so looking at Figure 10 on Page 33 of your declaration, you annotate a few structures, correct?

A So in Paragraph 47, The assembly of the component of Chang's key module shown in Figure 3

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
163 of 220

is confirmed by Chang's Figure 10. As shown in the cross-section of Chang's key module, a portion of conductive member 500, that's highlighted in teal or the lighter blue, is arranged coplanar; i.e. not positioned below the sealing member 600 in green, and a lower plate 470, which is the darker blue.

Q And in Figure 10, as you've annotated it here on Page 33 of your first declaration, we see a portion of flexible conductive member 500, highlighted in teal, above a small portion of lower plate 470, highlighted in blue, correct?

A It's above the top surface, if you will, the reverse S sits -- of the teal section, sits on the blue, the 470, and it's coplanar with the green, which is the sealing member 600.

Q And so for purposes of the discussion, would it be fair to refer to the top surface of the reverse S of flexible conductive member 500 as the portion that is coplanar with sealing member 600?

A Yes, that section is coplanar with sealing

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
164 of 220

member 600.

Q In looking at that top portion, top surface of the reverse S that is flexible conductive member 500, the portion of flexible conductive member 500 that's coplanar with sealing member 600 is shown to be narrower than the structure of lower plate 470, correct?

MR. AMON: Objection. Vague.

But you can go ahead and answer, Dr. Anthony.

BY THE WITNESS:

A So if I try to interpret your question, you mean the -- along the length of the page, the thickness of height, the horizontal of X and the Y axis then as being the vertical, the vertical axis, Y axis of 470 is thicker than both 4 -- or 600 and 500. And 600 is thicker than 500.

BY MR. DOUGLAS:

Q And when viewing it along the -- when viewing Figure 10 along the horizon or the horizontal axis, is the portion of conductive member 500 that's coplanar with sealing member 600

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
165 of 220

narrower than the horizontal width of lower plate 470?

MR. AMON: Same objection.

But go ahead.

BY THE WITNESS:

A As I've tried to describe, so the thickness, if you will, the narrower dimension, smaller dimension of 4 -- sorry, of 500 is smaller than the smallest axis of the 470, which is the lower plate, and also of 600, the sealing member.

BY MR. DOUGLAS:

Q And so with the understanding that we're talking about thickness in the vertical direction, can we talk about width in the horizontal direction; would that be fair?

A Okay.

Q And so when you compare the width of conductive -- of the portion of conductive member 500 that is coplanar with sealing member 600 to the width of lower plate 470, would you consider that portion of conductive member 500 to have a narrower width than lower plate 470?

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
166 of 220

MR. AMON: Objection. Calls for speculation.

But you can go ahead and answer, Dr. Anthony.

BY THE WITNESS:

A So the top portion of the S in Figure 10 along the horizontal direction, as drawn, seems to be narrower in horizontal direction than the darker blue lower plate and bigger than the sealing member 600.

BY MR. DOUGLAS:

Q And, similarly, the top portion of the S in Figure 10 of conductive member 500 as drawn is narrower in the horizontal direction than Item 453 as shown in Figure 10 on Page 33?

MR. AMON: Objection. Speculation.

But go ahead, Dr. Anthony.

BY THE WITNESS:

A Sorry. Can you ask the question again? I missed which axis you were talking about.

BY MR. DOUGLAS:

Q Fair enough.

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
167 of 220

Using the horizontal axis. And I would like to compare the top portion of the S, which is the portion of conductive member 500 that's coplanar with the sealing member 600, with the width in the horizontal direction of circuit region 453.

And my question is, is that top portion of the S, conductive member 500, narrower in the horizontal direction than circuit region 453?

A It does appear to be narrower than the 453 circuit region as drawn there.

MR. DOUGLAS: Dr. Anthony, would you mind if we take another maybe eight-to-ten-minute break?

THE WITNESS: Certainly.

(WHEREUPON, a recess was had.)

MR. DOUGLAS: Dr. Anthony, thank you for your time today. I don't have any more questions at this time, and I pass the witness.

MR. AMON: Dr. Anthony, I just have a couple of clarifying questions for you, if you don't mind.

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
168 of 220

EXAMINATION

BY MR. AMON:

Q So if I could ask you to turn to the '619 patent, Exhibit 1001, and let me know when you have it front of you.

A Okay. '619, yes.

Q Do you have it in front of you, Dr. Anthony?

A I do. Yes.

THE WITNESS: And just so you know, your audio is --

MR. AMON: Okay. I'm going to try to be closer so that everybody can hear me, and I will try to project my voice. Is that better?

THE WITNESS: Yes.

BY MR. AMON:

Q So if I could ask you to turn to column 5 and read lines 1 through 14 to yourself and let me know when you've done that.

A Column 5, 1 through 14, check.

Q And do you recall that Mr. Douglas asked you some questions about the section of the

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
169 of 220

specification of the '619 patent earlier today?

A Yes.

Q And it was in the context of the claim construction for biometric characteristic; do you recall that?

A Yes.

Q Now, you see that column 5, the second sentence of that first paragraph reads, "For example, the biometric characteristics may be used to identify a user and, thus, may provide a biometric identification for a process or a transaction. The biometric identification may be used to, for example, unlock an electronic device, authorize a transaction, send an alert, and/or enable applications running on the electronic device."

Did I read that second and third sentence correctly?

A Yes.

Q And, in your opinion, could sending an alert be triggered by a biometric characteristic such as, for example, heart rate or blood

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
170 of 220

pressure?
A Yes.
Q And could you provide examples of where heart rate might be used to send an alert?
A For example, if the heart rate went above a threshold or below a threshold, so such that you were having either heart stoppage or defib.
Q Or tachycardia or bradycardia or any other condition, correct?
MR. DOUGLAS: Objection. Leading.
BY THE WITNESS:
A Correct.
BY MR. AMON:
Q If I could ask you to turn to Paragraphs 97 and 98 in your declaration, the first declaration, Exhibit 2009.
A 97 and 98?
Q Yes -- actually, I take that back. It's 96 through 98. Just so we're clear, 96 through 98.
A Okay.
Q And let me know when you're there.

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
171 of 220

A I'm there.

Q And if you could read those paragraphs to refresh your memory as to what we're discussing here, and let me know when you've done that.

A Okay.

Q Okay. I'm going to ask first a foundational question: Do you recall Mr. Douglas asking you at the beginning if you understood why you were being deposed in this matter?

A Yes.

Q And do you recall what your answer was to that question?

A Yes, to offer my -- to be -- discuss my deposition -- declaration. Sorry.

Q Yeah, your declaration. And your declaration in what regard?

A In context of my opinions about the proposed constructions put forth by AliveCor and Dr. Berger.

Q And with that framework of why you sat for deposition, Mr. Douglas also asked you some questions about Paragraphs 98 and 97 to the effect

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
172 of 220

of your analysis seemed to be modifying Myers with the teachings of Jung as opposed to Jung with the teachings of Myers; do you recall that?

A Correct. Yes.

Q And my question is, why did you analyze the modification of Myers with the teachings of Jung and vice-versa?

A I'm missing where I state it in my declaration, but the -- AliveCor made the claim was Jung in view of Myers, but then they switched for some of our arguments Myers in view of Jung, so I chose to address both.

Q And was that understanding based on your reading of AliveCor's papers and Dr. Berger's declaration?

A That is correct.

Q And then hopefully the last set of questions for you. If I could ask you to turn back to Page -- well, really 51 and 52 of your declaration, Exhibit 2009 in the first IPR ending 948, and let me know when you're there.

A Page 51 or Paragraph 51?

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
173 of 220

Q Page 51.
A Page 51. Okay.
I am there.
Q And starting at the bottom of Page 51, Paragraph 81, and then over all the next two pages, you're addressing Kim's Figure 10; do you see that?
A Yes.
Q Now, do you happen to have Kim Exhibit 1004 in front of you?
A Yes.
Q And if I could ask you to turn to Kim and specifically Kim at column -- columns 21 and 22.
Let me know when you're there.
A Okay. I'm there.
Q And if you could take some time and review the disclosure of Kim starting at around column 21, line, I want to say it's 27, and then continuing all over onto column 22 through about I imagine it will be line 34.
And just have -- please read that, and then let me know when you've done that.

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
174 of 220

A Okay.

Q And having refreshed your memory on that portion of Kim, where I could ask you to now turn back to your declaration at Paragraph 81 and specifically Footnote 6 on -- that starts at the bottom of Page 51 and continues on to Page 52.

A Yes.

Q And do you recall you had a discussion with Mr. Douglas earlier about how the fact that Figure 10 in Kim was mislabeled?

A Correct. Yes.

Q And having refreshed your memory on column 21 over onto column 22 and looking at the footnote in your declaration, Footnote 6, is it your understanding that Footnote 6 attempts to correct the mislabeling of Figure 10 in Kim?

A Correct. Yes.

Q And do you understand that that's what you're describing in Footnote 6?

MR. DOUGLAS: Objection. Leading.

BY THE WITNESS:

A Yes, as I highlight in -- on Page 53 with

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
175 of 220

the correct labeling of the figure.

BY MR. AMON:

Q And, as you understand it, that is the correct labeling that should apply to Kim Figure 10?

A That is correct. That's why I included it on Page 53.

MR. AMON: No further questions, Dr. Anthony.

THE WITNESS: Thank you.

MR. DOUGLAS: Can we take about a five-minute break, Dr. Anthony?

(WHEREUPON, a recess was had.)

MR. DOUGLAS: Thank you, Dr. Anthony. We don't have any further questions. We really appreciate your time today.

THE WITNESS: Thank you.

(WHEREUPON, the deposition was concluded at 3:49 p.m. CST)

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
176 of 220

ACKNOWLEDGMENT OF DEPONENT

I, BRIAN ANTHONY, Ph.D., do hereby acknowledge that I have read and examined the foregoing testimony and the same is a true, correct, and complete transcription of the testimony given by me and any corrections appear on the attached errata sheet signed by me.

_____ _____

(SIGNATURE) (DATE)

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
177 of 220

CERTIFICATE OF SHORTHAND REPORTER

I, MICHELLE M. YOHLER, Certified Reporter and for the State of Illinois do hereby certify:

That BRIAN ANTHONY, Ph.D., the witness whose deposition is hereinbefore set forth, was duly sworn by me before the commencement of such deposition and that such deposition was taken before me and is a true record of the testimony given by such witness.

I further certify that the adverse party, APPLE INC., was represented by counsel at the deposition.

I further certify that the deposition of BRIAN ANTHONY, Ph.D., was conducted virtually via Zoom on Thursday, July 11, 2024, commencing at 8:01 a.m. to 3:49 p.m.

I further certify that I am not related to any of the parties to this action by blood or marriage, I am not employed by or an attorney to any of the parties to this action, and that I am in no way interested, financially or otherwise, in the outcome of this matter.

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
178 of 220

IN WITNESS WHEREOF, I have hereunto set my hand this 18th day of July, 2024.

Michelle M. Yohler, CSR, RMR, CRR
Certified Shorthand Reporter
CSR No.: 84-4531

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
179 of 220

A
a-a
51:21
ability
10:22, 13:10, 62:18, 66:11, 67:1
able
26:17, 28:16, 39:18, 48:5, 48:17, 50:8, 52:20, 63:19, 66:17, 67:3, 97:8, 98:5, 120:2
about
7:21, 8:1, 9:18, 17:22, 18:6, 18:9, 22:7, 24:21, 25:1, 32:10, 32:22, 33:8, 34:5, 40:14, 40:15, 45:21, 46:8, 46:20, 47:3, 52:7, 52:8, 53:22, 54:1, 56:6, 58:21, 60:16, 61:7, 63:5, 64:7, 64:19, 64:20, 67:22, 71:6, 71:15, 76:21, 79:13, 83:6, 83:18, 84:16, 85:9, 86:8, 87:7, 87:15, 88:5, 92:17, 93:12, 97:1, 99:22, 102:22, 105:4, 105:9, 107:19, 109:19, 113:18, 113:20, 114:15, 115:9, 122:3, 126:14, 128:22, 129:4, 131:20, 133:2, 137:18, 143:15, 144:1, 147:8, 153:13, 159:13, 160:11, 161:6, 165:13, 165:14, 166:20, 168:22, 171:17, 171:22, 173:19, 174:9, 175:11
above
32:1, 125:13, 127:10, 135:3, 136:21, 137:4, 154:22, 155:10, 163:11, 163:13, 170:5
absolute
27:10, 28:21, 29:21, 30:3, 31:14, 32:20, 33:12, 34:12, 35:1, 35:8, 35:14, 35:15
absolutely
59:12, 77:3
access
70:7
accessible
149:9
accomplish
60:5
according
144:12, 155:2, 155:12, 157:3
accordingly
23:14
accuracy
65:18, 66:12, 143:3
accurately
11:7, 65:11, 66:3, 66:19, 67:7
achieve
101:14, 103:17
acknowledge
176:3
acknowledgment
176:1
across
50:18
acting
144:14, 144:20
action
55:3, 177:18, 177:20
active
53:14
actually
151:14, 170:18
add
13:7
added
138:18
adding
134:3, 137:22, 138:12, 138:16, 138:17, 155:8
addition
31:9, 37:14, 89:1, 122:10, 122:13, 127:3, 142:1
additional
125:16
additionally
134:15
address
7:13, 7:14, 26:14, 73:19, 74:6, 172:12
addressing
141:20, 173:6
adhered
131:21
adhesive
89:6, 131:21
adhesives
100:1, 100:6, 101:20, 101:21, 102:21, 104:12, 104:21, 105:5
admonition
145:3
adopting
154:22, 155:11
adverse
177:10
affording
92:18
after
27:13, 49:18, 154:12, 155:17, 158:9
again
17:4, 35:11, 43:9, 59:21, 74:13, 75:4, 77:1, 77:2, 78:17, 83:3, 83:17, 85:8, 85:22, 88:21, 92:6, 92:15, 93:2, 96:16, 97:1, 99:20, 102:5, 109:1, 115:8, 115:16, 119:8, 119:21, 120:20, 126:4, 143:16, 151:12, 153:18, 161:9, 166:19
against
131:10
ago
8:20, 32:11, 64:7, 103:3
agree
64:12, 94:14, 94:20, 96:7, 96:21, 100:5, 100:15, 102:13, 112:14, 113:8, 113:15
agreed
7:7, 7:9
ahead
30:7, 33:16, 36:20, 38:12, 40:2, 48:9, 50:12, 51:16, 53:2, 56:21, 58:8, 62:6, 64:1, 64:16, 66:8, 68:4, 69:2, 70:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
180 of 220

75:2, 78:15, 82:5, 83:15, 88:19, 92:4, 95:5, 97:18, 98:15, 108:19, 109:10, 110:12, 114:12, 115:6, 116:4, 118:18, 120:18, 123:16, 126:2, 132:15, 141:11, 147:22, 148:22, 151:20, 157:14, 160:8, 161:4, 164:9, 165:4, 166:3, 166:17
alert
56:3, 169:14, 169:21, 170:4
alivecor
1:5, 6:8, 26:12, 28:1, 73:20, 74:7, 82:10, 102:1, 109:21, 118:4, 130:15, 131:5, 131:16, 134:16, 142:8, 151:14, 171:18, 172:9
alivecor's
42:4, 43:1, 110:16, 116:11, 117:5, 172:14
alivecore
3:2
all
6:4, 7:8, 8:7, 8:16, 16:6, 25:21, 26:1, 46:19, 63:13, 86:5, 92:17, 93:3, 93:4, 96:18, 98:8, 104:21, 113:7, 122:4, 132:6, 136:7, 136:11, 153:22, 173:5, 173:19
allow
58:17, 98:6
allows
67:17
along
50:17, 50:21, 51:21, 61:8, 63:5, 79:18, 162:11, 164:13, 164:19, 164:20, 166:7
already
24:21, 150:4, 150:14
also
4:4, 6:9, 6:13, 11:11, 12:18, 14:12, 14:13, 16:7, 18:14, 22:5, 32:18, 43:15, 44:4, 46:14, 61:4, 63:2, 69:4, 69:5, 72:3, 72:11, 80:10, 83:10, 96:11, 96:14, 96:20, 97:3, 97:7, 99:12, 100:11, 100:20, 101:13, 102:1, 102:17, 102:22, 104:13, 105:17, 111:12, 125:16, 127:1, 131:18, 132:17, 133:15, 135:17, 142:10, 143:8, 143:13, 143:21, 144:3, 146:19, 152:1, 152:2, 161:11, 165:10, 171:21
alston
3:6, 6:7, 6:10, 7:3
alteration
84:10
alternative
43:3
although
11:4
amon
3:14, 5:5, 6:11, 15:7, 15:14, 15:19, 22:16, 23:1, 30:5, 33:14, 36:18, 38:10, 39:22, 48:7, 50:10, 51:14, 52:22, 56:18, 58:6, 62:5, 63:21, 64:15, 66:6, 68:2, 68:21, 70:9, 74:22, 78:14, 80:21, 82:3, 83:13, 85:18, 88:17, 92:2, 95:3, 97:14, 97:17, 98:14, 108:16, 109:7, 110:10, 112:22, 114:11, 115:4, 116:2, 118:17, 120:16, 123:14, 125:22, 129:6, 132:13, 141:10, 147:21, 148:20, 151:18, 157:13, 160:1, 160:5, 161:1, 164:8, 165:3, 166:1, 166:16, 167:20, 168:2, 168:12, 168:16, 170:13, 175:2, 175:8
amon@fr
3:20
among
105:16, 114:15
amongst
109:15
analysis
82:7, 82:16, 83:19, 86:1, 91:14, 93:6, 96:16, 109:13, 110:4, 115:17, 116:7, 117:5, 123:7, 134:6, 148:7, 148:10, 153:18, 172:1
analyze
172:5
analyzed
90:17, 90:19
analyzing
80:17, 91:22, 153:1, 153:19, 153:20
annotate
162:19
annotated
135:5, 139:13, 139:16, 146:18, 146:20, 162:15, 163:8
annotation
84:10
another
12:12, 44:13, 45:3, 45:6, 89:10, 92:12, 92:16, 92:20, 104:4, 122:15, 127:5, 127:20, 127:22, 128:12, 133:3, 133:4, 147:13, 148:18, 149:3, 150:14, 167:13
answer
10:21, 11:22, 12:7, 30:7, 33:16, 34:15, 36:20, 38:12, 39:21, 40:2, 48:9, 50:12, 51:16, 53:2, 59:13, 62:6, 64:1, 68:4, 75:2, 81:1, 85:20, 88:19, 108:19, 110:3,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
181 of 220

118:18, 124:18, 160:8, 164:9, 166:3, 171:11
answered 68:21, 78:14, 83:17, 85:8, 85:22, 98:14, 119:21, 120:16, 132:17, 141:10
answering 11:17
answers 11:8, 77:13, 103:3
antenna 157:7, 157:11, 157:21, 158:20, 158:21, 159:2, 159:20, 161:20
antennae 160:18
anthony's 129:7
anticipation 116:12, 116:15
any 8:2, 8:9, 10:9, 10:13, 12:5, 12:13, 12:19, 17:19, 23:2, 26:3, 26:4, 29:8, 30:18, 54:22, 55:10, 55:20, 58:4, 58:16, 73:19, 74:5, 74:13, 96:4, 115:10, 118:4, 120:21, 121:1, 132:1, 132:10, 141:6, 150:11, 151:9, 167:18, 170:8, 175:15, 176:6, 177:18, 177:19
anything 88:6
apologies 15:15, 19:7, 49:19
apologize 70:19, 102:12
appeal 1:3, 8:11, 29:13, 71:17
appear 17:12, 17:16, 167:10, 176:6
appears 64:4, 64:19, 99:21, 106:20, 137:19
apple 1:8, 3:12, 6:14, 9:5, 9:9, 10:2, 10:3, 10:6, 10:9, 10:14, 13:4, 13:14, 24:10, 65:20, 177:11
applications 169:15
applied 78:10, 89:7, 89:12, 91:22, 144:14, 144:21
apply 74:10, 80:18, 91:15, 145:1, 145:8, 175:4
appreciate 13:9, 49:8, 49:15, 175:16
appropriate 84:7
approximate 31:13, 37:18
april 13:20, 22:12
arbitrary 132:18
area 55:16, 65:16
areas 141:7
arguments 172:11
around 31:21, 91:1, 92:13, 92:22, 93:4, 94:3, 95:10, 96:9, 97:22, 104:2, 104:10, 126:5, 136:14, 173:17
arranged 135:14, 136:18, 137:15, 140:22, 163:4
array 45:7, 67:10, 67:12, 67:19, 68:7, 68:9, 69:7, 69:10, 69:12, 69:16, 70:2
arrived 134:10, 134:20
arrows 125:15
art 33:3, 40:9, 55:10, 79:2, 81:21, 82:1, 83:21, 91:20, 94:2, 95:9, 100:12, 102:2, 114:9, 115:20, 118:12, 119:3, 119:17, 129:1, 130:15, 131:16, 159:18, 159:19, 160:16, 160:17
ascertain 33:2
asked 68:21, 78:14, 98:14, 113:7, 120:16, 141:10, 148:13, 168:21, 171:21
asking 10:19, 77:1, 107:4, 171:8
aspect 44:13, 45:3, 45:6, 92:12
aspects 39:4, 116:13, 116:15
assembled 149:6
assemblies 63:14, 65:8, 95:21, 99:13
assembling 155:6, 155:15
assembly 47:19, 47:20, 47:21, 48:6, 48:21, 49:5, 50:17, 51:9, 53:6, 56:7, 56:10, 56:16, 57:3, 58:3, 58:12, 60:9, 62:4, 62:11, 62:17, 62:19, 63:11, 64:8, 64:13, 65:3, 65:14, 65:20, 66:22, 89:13, 95:20, 96:5, 97:3, 97:7, 117:21, 121:2, 141:20, 141:21, 142:13, 142:15, 143:1, 150:13, 151:11, 162:21
associated 55:1, 124:16, 126:7, 142:4
assume 11:22, 95:18
asymmetric 64:14, 65:3, 66:14
asymmetrically 65:9
asymmetry 64:22
attached 156:3, 176:7
attempts 174:15

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
182 of 220

attention
53:5
attorney
177:19
attorneys
6:4
attributes
146:1
audio
168:11
authentication
54:13, 54:20, 55:8, 55:21, 56:1
authorize
56:2, 169:14
available
99:8
avenue
7:15
aware
9:13, 19:10, 47:11, 142:4
axis
50:18, 50:22, 61:7, 61:8, 63:5, 63:6, 164:15, 164:16, 164:21, 165:9, 166:20, 167:1

B

b
111:13
b-b
52:7, 53:17
b1
1:13
back
9:17, 26:22, 29:19, 36:3, 46:7, 47:5, 50:16, 60:14, 63:17, 69:4, 70:5, 71:9, 86:11, 90:10, 93:16, 102:10, 102:11, 106:7, 134:7, 135:17, 139:5, 145:6, 146:2, 148:16, 151:15, 170:18, 172:19, 174:4
bar
157:7, 157:21, 159:20, 160:18, 161:20
barrier
104:10
based
28:5, 43:6, 55:2, 76:18, 77:4, 82:20, 86:1, 88:4, 110:16, 112:14, 113:8, 113:9, 113:15, 114:7, 125:10, 128:8, 148:3, 148:14, 150:10, 151:8, 172:13
basically
145:5
basis
83:21, 152:22
because
42:4, 94:7, 95:12, 95:21, 97:6, 110:19, 116:19, 130:8, 131:15, 150:13
been
6:18, 8:19, 9:8, 9:12, 13:3, 13:14, 16:16, 18:17, 19:11, 20:2, 21:6, 24:5, 26:17, 28:16, 45:20, 47:18, 71:6, 99:9, 102:8, 121:5, 121:18, 132:8, 142:3, 146:8, 156:14
before
1:3, 2:2, 6:3, 7:5, 7:19, 8:10, 11:15, 11:17, 12:7, 22:12, 22:13, 40:14, 46:8, 52:8, 71:5, 99:18, 147:6, 159:12, 177:7, 177:8
beginning
147:11, 171:8
behalf
3:2, 3:12, 6:13, 10:2
being
16:20, 47:4, 74:16, 75:12, 83:4, 98:5, 113:21, 117:18, 118:2, 126:8, 138:4, 138:21, 148:6, 151:16, 156:5, 164:15, 171:9
belief
113:13
believe
13:15, 19:5, 32:10, 51:5, 52:6, 64:7, 68:18, 74:4, 81:14, 83:17, 88:5, 88:6, 94:1, 94:6, 96:18, 99:17, 103:3, 103:10, 106:10, 111:19, 122:4, 124:20, 126:17, 126:21, 127:1, 127:6, 127:9, 127:16, 127:20, 129:3, 133:10, 133:15, 134:1, 139:4, 139:6, 143:17, 148:2, 153:13, 153:14, 156:17
below
49:4, 89:12, 124:11, 125:15, 136:21, 141:3, 163:5, 170:6
beneath
139:19
benefit
150:11, 151:9
berger
24:14, 82:10, 93:22, 95:8, 96:4, 96:21, 99:21, 100:5, 100:15, 171:19
berger's
109:21, 172:14
best
10:21, 11:14, 17:9
better
85:13, 168:14
between
46:9, 67:15, 68:14, 69:17, 69:20, 84:5, 86:22, 87:1, 87:9, 87:10, 87:17, 87:18, 101:9, 104:2, 116:21, 122:17, 127:7, 130:1, 130:8, 131:2, 132:2, 134:12, 134:22, 137:7, 138:8, 139:2, 143:17, 150:18, 157:4, 157:18, 159:4, 161:17
big
26:22
bigger
166:9
bio
26:19, 158:10
bird
3:6, 6:7, 6:10, 7:3
bit
7:4, 47:10,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
183 of 220

52:8
block
70:20
blocks
99:4
blood
27:20, 27:21, 28:9, 29:10, 31:5, 37:9, 38:2, 38:22, 39:17, 40:11, 41:21, 42:1, 42:9, 42:20, 42:21, 43:12, 169:22, 177:18
blue
163:4, 163:7, 163:12, 163:15, 166:9
board
1:3, 8:11, 29:13, 71:17, 134:4, 134:11, 134:21, 135:7, 135:11, 136:2, 136:13, 136:17, 137:3, 137:4, 137:10, 138:7, 139:1, 140:10, 140:22, 145:14, 154:12, 155:6, 155:16, 155:17, 157:21
bolts
94:8, 95:14, 100:1, 100:6, 100:14, 100:17, 102:20
bond
101:22, 104:13, 157:12, 158:1
bonded
157:6, 157:19, 161:19
bonding
140:11, 155:19, 160:20, 161:13, 161:22
both
18:12, 18:18, 19:12, 20:6, 20:17, 21:6, 21:20, 24:22, 27:1, 45:8, 49:7, 51:12, 73:12, 89:7, 90:5, 116:11, 121:10, 123:20, 143:11, 146:9, 153:8, 164:16, 172:12
bottom
14:2, 14:21, 16:4, 38:4, 47:3, 75:16, 81:10, 173:4, 174:6
box
140:6
bracket
140:13, 154:13, 155:18
bradycardia
170:8
break
12:6, 12:8, 45:22, 46:8, 70:21, 105:22, 133:4, 158:10, 158:15, 159:7, 159:12, 167:14, 175:12
breaks
12:4
brian
1:16, 2:1, 5:3, 5:10, 5:12, 6:15, 6:17, 7:14, 176:2, 177:5, 177:14
briana
4:5
broadest
40:6
broke
54:14
building
7:15
buttons
57:18, 57:19, 58:4, 59:8, 59:19, 104:3, 117:2, 126:9, 128:6, 128:10

C

california
3:18
call
156:9
called
6:18, 24:18
calling
44:7
calls
36:19, 38:11, 48:8, 50:11, 51:15, 53:1, 56:20, 58:7, 63:22, 68:3, 68:22, 70:10, 75:1, 80:22, 82:4, 83:14, 85:19, 88:18, 92:3, 95:4, 97:15, 108:16, 108:18, 109:7, 109:8, 110:11, 115:5, 123:14, 126:1, 160:6, 161:2, 166:1
cambridge
7:15
came
15:19
camino
3:17
cap
149:8, 149:10, 149:11, 149:13, 149:14
capable
30:3, 33:11, 34:12, 35:7
capacitance
27:11, 28:22, 29:21, 30:3, 30:4, 31:14, 31:15, 31:17, 32:20, 32:21, 33:12, 34:13, 35:1, 35:2, 35:8, 35:15, 35:18, 55:16, 69:17
capacitative
34:18
capacitive
30:12, 30:20, 31:6, 31:16, 32:2, 32:6, 32:9, 32:10, 33:2, 33:4, 33:8, 34:20, 35:21, 37:11, 45:7, 55:11, 55:15, 67:10, 67:16, 67:22, 68:8, 69:15, 69:16, 112:10, 114:4, 114:10, 114:16, 114:20, 115:1, 115:11, 116:8, 118:13, 119:5, 119:18, 120:13, 122:10, 122:14, 122:15, 123:1, 123:10, 124:5, 125:6, 126:9, 127:3, 127:5, 127:20, 128:1, 128:10, 128:13
capacitive-based
69:7, 69:9, 69:13, 70:2
capacitor
55:16
capacitors
69:8
capacity
10:5

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
184 of 220

capture
65:4, 65:10, 66:2, 66:11, 66:17, 67:1, 67:5, 67:19, 149:13
carolina
3:8
case
1:11, 1:12, 8:17, 9:20, 10:1, 43:22, 51:11, 84:7, 127:16, 136:16
cases
8:3, 8:6, 9:19
caution
23:2
ccd
68:9
certain
100:16
certainly
17:19, 22:12, 34:18, 44:2, 57:17, 59:2, 59:14, 86:5, 92:11, 98:5, 106:11, 113:22, 162:6, 167:15
certificate
177:1
certified
2:3, 177:3, 178:9
certify
177:4, 177:10, 177:13, 177:17
cetera
94:9, 95:14, 100:2, 100:14, 101:22, 102:21, 111:7, 140:13, 142:21, 150:22, 151:6
challenges
58:17, 117:5, 142:4, 142:5, 142:21, 143:11, 143:12
chance
86:17, 107:13
chang
21:4, 21:5, 21:12, 156:14, 156:19, 157:2, 158:21, 159:13, 160:11, 160:13, 160:16, 160:22, 161:8, 161:11, 162:10
chang's
162:22, 163:1, 163:2
change
27:11, 28:22, 29:21, 30:4, 31:15, 32:21, 33:12, 34:13, 35:2, 35:9, 35:14, 35:15, 55:17
changes
33:9, 58:17
channel
68:14
channels
67:15, 69:20
character
27:16, 114:18
characteristic
26:12, 26:20, 27:10, 27:16, 27:18, 28:8, 28:14, 29:1, 29:5, 29:14, 30:17, 31:2, 31:10, 35:3, 35:16, 35:19, 36:5, 36:9, 36:11, 36:13, 36:16, 36:17, 37:6, 37:7, 37:16, 37:22, 38:1, 38:8, 38:16, 38:19, 38:20, 39:3, 39:5, 39:8, 39:10, 39:13, 39:14, 39:19, 39:21, 40:7, 40:10, 40:18, 41:11, 41:16, 41:18, 41:20, 42:19, 43:8, 43:10, 43:14, 43:21, 45:2, 45:5, 45:18, 46:17, 55:2, 55:19, 71:7, 73:21, 74:7, 169:4, 169:21
characteristic"
36:6
characteristics
27:22, 29:11, 31:3, 31:7, 36:1, 37:12, 39:4, 39:9, 39:16, 42:3, 42:10, 42:14, 42:22, 46:21, 53:22, 63:13, 169:9
characterization
153:17
characterize
43:16, 43:22
charge
34:2, 68:9
charlotte
3:8
chat
12:18
check
168:20
choice
97:5, 97:6, 99:10, 102:8
chose
172:12
chowdhury
3:15, 6:13, 22:16
christopher
3:3, 3:10, 6:7, 7:2
circuit
134:4, 134:11, 134:21, 135:3, 135:7, 135:11, 135:13, 136:2, 136:13, 136:17, 137:2, 137:4, 137:6, 137:10, 138:7, 139:1, 140:10, 140:22, 145:14, 154:12, 155:6, 155:16, 155:17, 157:5, 157:19, 157:21, 158:2, 160:20, 161:15, 161:18, 162:1, 167:5, 167:9, 167:11
circular
64:4
circularly
64:18, 64:21
cite
40:21, 94:5, 96:4, 147:4
cited
154:9
claim
26:4, 26:6, 26:17, 28:12, 28:17, 49:3, 71:18, 72:9, 72:16, 72:18, 73:5, 73:13, 74:15, 79:13, 79:15, 79:21, 80:12, 80:14, 80:19, 81:21, 82:12, 82:21, 85:7, 85:16, 86:14, 86:18, 86:21, 87:8, 87:15, 88:1, 90:12, 90:16, 90:20, 90:21,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
185 of 220

90:22, 91:6, 91:15, 91:22, 94:22, 97:12, 97:20, 97:21, 98:11, 102:14, 129:2, 169:3, 172:9
claims 25:6, 25:9, 25:13, 25:15, 25:19, 25:21, 26:5, 29:5, 29:17, 43:15, 72:3, 72:10, 72:12, 72:17, 74:12, 74:20, 77:5, 77:16, 78:11, 79:3, 79:10, 80:7, 80:9, 80:17, 81:3, 83:10, 86:12, 87:6, 88:1, 88:12, 89:2, 90:7, 90:10, 90:16, 91:17, 92:11, 108:15, 109:6, 110:9
clarification 82:13, 97:16, 112:21, 145:3
clarifying 76:1, 167:21
clarity 125:3, 155:8
clause 72:22, 73:7, 86:16, 127:19
clean 12:15, 12:22, 17:16, 113:6
clear 25:20, 127:12, 127:18, 129:7, 132:8, 132:21, 170:19
clearly 34:21
clicked 15:8, 15:12, 15:16
close-up 153:10
closer 168:13
closing 99:1
co-molded 100:7
coating 104:17, 105:15
cochides 77:22
coincides 76:5, 77:22
collect 121:10, 123:4
collection 67:16
columns 46:9, 173:13
com 3:10, 3:20
combination 117:6, 121:18, 121:19, 123:9, 136:8, 141:8, 141:17, 141:19, 142:12, 153:22
combine 34:19, 82:15, 123:5, 134:17, 154:2
combined 95:21, 107:20, 108:6, 110:17, 111:5, 111:16, 116:17, 117:2, 117:19, 121:12, 123:19, 124:14, 124:16, 128:4, 140:16
come 145:11
commencement 177:7
commencing 177:15
commentary 86:2, 116:14
commenting 117:15
common 101:13, 103:16, 104:16, 105:9
compare 165:17, 167:2
competent 105:14
complaint 76:19
complete 17:13, 120:2, 176:5
completely 11:14, 11:16
completeness 73:5
complex 66:13
complexity 98:5
complicated 142:16
component 67:4, 99:2, 116:19, 137:9, 162:22
components 53:8, 53:11, 53:14, 62:12, 63:11, 67:4, 94:9, 94:11, 95:14, 95:17, 95:20, 96:2, 96:6, 97:7, 100:1, 100:6, 100:7, 100:8, 100:18, 101:3, 101:22, 102:20, 104:2, 104:6, 104:10, 104:13, 116:21, 140:1, 140:11, 159:5
compressible 89:20
compressing 112:22
comprises 45:7
concluded 175:18
conclusion 14:10, 36:19, 38:11, 50:11, 51:15, 53:1, 56:20, 58:7, 63:22, 68:3, 69:1, 70:11, 75:1, 80:22, 82:4, 83:14, 85:19, 88:18, 92:3, 95:4, 97:15, 108:18, 109:9, 110:11, 115:5, 123:15, 126:1
condition 170:9
conducted 177:14
conductive 157:5, 157:18, 158:2, 160:20, 161:13, 161:18, 161:22, 163:3, 163:10, 163:19, 164:4, 164:5, 164:21, 165:18, 165:21, 166:13, 167:3, 167:8
conduit 86:21, 87:9, 87:17, 89:5, 89:14, 90:2, 91:2, 92:14, 92:18, 93:5, 94:4, 95:11, 97:22, 116:20
configuration 118:6, 121:5, 134:10, 134:20,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
186 of 220

138:6, 138:22
configurations
30:19, 58:18, 59:1, 59:2, 59:6, 59:15, 60:2
configured
28:13, 30:12, 45:8, 56:10, 57:3, 58:12, 60:11, 61:7, 63:5
confirm
124:4
confirmed
163:1
confirming
124:4, 160:10
conform
131:8
conformal
104:17, 105:15
conjunction
103:22, 151:17
connect
135:12, 135:14, 136:2, 136:13, 136:18, 137:3, 137:10, 141:4, 162:7
connected
15:10, 141:1, 158:3, 162:2
connecting
161:13
connection
99:1, 140:19, 159:3
connections
135:6, 159:1
connectivity
143:14, 159:4
connectors
104:3
connects
137:6
consider
43:7, 43:20, 78:11, 79:4, 79:7, 82:1, 82:7, 84:18, 85:15, 120:20, 165:20
considered
43:13, 76:21, 77:7, 83:1, 135:10, 136:1, 136:12, 137:2, 137:22, 138:11, 138:15, 156:8
considering
76:15, 82:9, 109:13
consistent
76:13
construct
92:7, 131:14
constructed
67:17, 102:4, 130:17, 132:9, 132:22
construction
26:11, 26:13, 28:1, 29:4, 29:7, 29:8, 42:4, 43:2, 73:17, 73:20, 74:6, 80:12, 82:16, 83:5, 83:20, 88:8, 91:9, 93:7, 93:8, 117:3, 117:8, 119:11, 120:6, 132:7, 134:7, 136:15, 137:13, 148:15, 151:13, 153:2, 153:19, 169:4
constructions
26:4, 80:14, 82:9, 82:10, 86:2, 86:9, 90:19, 109:14, 148:4, 171:18
construe
29:13, 74:13, 75:4, 75:10, 75:11, 88:21, 88:22, 90:4
construed
73:19, 74:5
construes
71:18
contact
65:9, 70:6, 92:19, 145:11, 157:4, 157:8, 157:18, 157:22, 159:21, 160:19, 161:17, 161:21
contains
76:4, 77:21, 84:20
contaminants
98:19, 98:21, 99:5
contemplating
116:7, 116:10
context
27:12, 29:17, 74:14, 75:5, 75:12, 81:3, 88:12, 91:17, 92:8, 97:3, 132:7, 132:20, 136:7, 169:3, 171:17
continue
27:4, 42:1, 53:21, 61:18, 109:17, 135:9, 148:5
continued
3:22
continues
55:22, 105:9, 106:21, 108:5, 174:6
continuing
62:22, 96:3, 173:19
contrast
76:8, 78:3
control
56:11, 56:12, 57:4, 58:14, 60:12
convenient
158:9
conversations
22:6, 23:3, 23:12
convey
90:8
conveyed
74:16, 75:13
copies
12:22, 17:16
coplanar
123:20, 124:8, 124:10, 128:6, 128:9, 163:4, 163:15, 163:20, 163:22, 164:5, 164:22, 165:19, 167:4
copy
12:15, 14:1, 14:16, 16:15, 19:15, 106:11, 106:12
cords
104:3
corner
14:22
correct
13:5, 13:21, 13:22, 14:14, 14:15, 18:2, 19:8, 19:12, 20:6, 20:7, 20:18, 20:22, 21:7, 21:8, 21:21, 21:22, 22:18, 22:20, 25:2, 25:3, 25:6, 25:7, 25:10, 25:11, 25:14, 26:14, 27:11, 29:16, 32:7, 43:2, 45:2, 47:19, 48:1, 50:5,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
187 of 220

50:6, 51:18, 52:16, 54:13, 54:20, 55:8, 56:3, 56:4, 56:17, 59:9, 60:9, 73:13, 74:8, 79:5, 84:14, 90:18, 98:13, 103:2, 105:18, 112:12, 117:13, 123:13, 124:6, 125:14, 127:11, 127:22, 128:11, 128:12, 133:17, 134:4, 135:16, 135:17, 136:5, 139:7, 139:14, 139:15, 144:8, 144:18, 145:17, 148:19, 150:2, 150:16, 151:2, 151:3, 156:19, 156:20, 162:20, 163:12, 164:7, 170:9, 170:12, 172:4, 172:16, 174:11, 174:16, 174:17, 175:1, 175:4, 175:6, 176:5
corrections 176:6
correctly 103:14, 105:1, 126:16, 127:9, 128:3, 169:18
correspond 34:1
corresponding 28:14, 47:17, 50:3, 162:12
corresponds 31:10, 36:12, 37:15, 41:19
could 33:1, 33:20, 33:21, 44:3, 60:8, 62:3, 67:15, 68:15, 71:10, 94:3, 95:10, 128:10, 128:13, 154:3, 168:3, 168:17, 169:20, 170:3, 170:14, 171:2, 172:18, 173:12, 173:16, 174:3
couldn't 141:3
counsel 17:17, 22:6, 22:16, 23:4, 23:12, 108:22, 177:11
counter 124:14
couple 8:20, 103:3, 150:3, 167:21
coupled 68:9, 135:3
course 109:12
court 7:10, 11:3, 11:4, 11:7, 11:11, 71:21
cover 122:17, 127:7
create 103:22
creating 100:22, 104:16, 105:14
critical 98:6, 121:8
cross-section 48:13, 50:21, 51:8, 153:11, 163:2
cross-sectional 50:19, 149:5, 152:11, 153:4
cross-sections 51:20
crown 56:13, 57:5, 58:14, 60:8, 60:13, 60:21, 61:5, 61:6, 61:11, 61:14, 61:21, 62:3, 62:14, 62:15, 62:17, 63:3, 63:4, 63:6, 63:9, 63:12, 63:13, 63:18, 63:20, 64:4
crowns 57:20
crr 1:22, 2:3, 178:8
csr 1:22, 2:3, 2:4, 178:8, 178:10
cst 1:18, 175:19
customary 29:15, 71:19, 74:11, 74:19, 76:18, 77:4, 80:18, 82:20, 83:9, 88:11, 88:14, 91:15, 91:19, 94:15, 94:21
cv 14:6, 16:20
cylindrical 64:5

D

damage 101:3
darker 163:7, 166:9
dashed 125:20
date 176:10
dated 13:20, 15:5
day 178:2
deals 25:5, 25:9
debris 99:5
dec 117:14, 127:10, 140:4
decipher 69:14
decisions 58:22
declarations 21:20, 22:17, 22:22, 23:5, 24:22, 74:10, 88:9
defib 170:7
define 79:4, 82:1
defined 83:1, 131:5
defining 73:8, 79:17
definition 40:6, 40:7, 75:11, 75:21, 75:22, 92:7, 96:17
deflection 34:1
deformation 34:2, 150:21
delicate 94:11, 95:16, 96:2
depending 70:15
depends 70:17
depicted 53:7, 53:11, 53:18, 84:22
deponent 3:13, 176:1
deposed 8:18, 21:19, 171:9

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
188 of 220

deposition
1:16, 2:1, 7:8, 7:19, 7:22, 9:4, 9:7, 9:10, 10:18, 22:3, 22:8, 25:12, 171:14, 171:21, 175:18, 177:6, 177:7, 177:8, 177:12, 177:13
depositions
8:3, 8:6, 8:9, 8:14, 9:18
depress
149:14
depressed
51:9
describe
22:2, 22:21, 26:9, 35:13, 41:14, 43:9, 44:2, 44:5, 61:10, 65:6, 65:19, 76:22, 77:9, 79:6, 85:10, 93:9, 95:7, 97:4, 99:7, 102:16, 103:15, 104:20, 110:14, 117:1, 120:22, 124:8, 124:12, 124:20, 125:3, 130:10, 134:15, 136:10, 138:14, 143:4, 151:7, 154:21, 162:16, 165:6
described
23:8, 28:12, 31:17, 33:13, 33:18, 37:2, 37:20, 38:17, 39:15, 40:10, 51:19, 57:2, 58:10, 58:11, 59:19, 60:10, 62:9, 63:14, 66:21, 78:17, 78:20, 92:9, 92:20, 98:2, 102:9, 112:17, 113:13, 119:9, 123:18, 128:2, 132:21, 140:11, 142:2, 143:7, 144:19, 149:2, 151:16, 154:22, 155:10, 156:5, 161:9
describes
32:5, 32:8, 39:1, 39:3, 48:20, 52:10, 101:8, 117:17, 125:6, 148:17
describing
41:7, 61:1, 89:16, 92:15, 98:18, 116:6, 121:13, 123:3, 123:4, 134:3, 144:2, 145:16, 157:16, 174:19
description
45:12, 48:19, 49:10, 49:12, 49:20, 106:19, 107:11, 123:8, 125:10
descriptions
74:17, 88:13, 90:6, 98:18, 121:7
designed
157:6, 157:19, 161:19
detail
53:6, 67:19
detailed
45:12
details
115:9, 119:9, 119:22
detect
30:13, 45:8, 65:11, 66:3, 66:19, 67:7, 68:20
detected
67:16, 68:15
detection
65:17, 121:9, 143:2
detects
55:5, 55:15
determine
27:17, 29:1, 31:2, 35:2, 35:16, 36:10, 37:5, 37:21, 38:18, 41:17
determining
26:19
developed
23:13
developing
120:9
device
51:8, 56:2, 61:4, 62:12, 62:21, 63:2, 75:6, 76:3, 76:5, 76:9, 76:11, 76:12, 77:11, 77:20, 77:22, 78:1, 78:4, 78:7, 78:8, 78:20, 90:22, 97:21, 101:11, 108:2, 111:7, 117:20, 121:4, 141:22, 142:14, 142:16, 142:17, 143:2, 144:7, 149:11, 149:12, 149:13, 149:15, 150:8, 150:19, 152:13, 152:15, 153:6, 153:8, 153:10, 153:12, 154:22, 155:10, 158:7, 162:5, 169:13, 169:16
devices
101:15, 103:18
die
53:12, 67:11, 67:13, 68:6, 68:11, 93:1
diego
3:18
dies
68:19
differences
55:15, 67:13, 68:13, 69:19, 114:15, 115:16
different
7:9, 33:20, 35:12, 58:18, 58:21, 59:1, 59:2, 59:3, 59:6, 59:7, 59:8, 59:14, 59:15, 59:17, 60:1, 60:2, 60:3, 60:5, 62:20, 98:4, 99:22, 100:12, 112:16, 113:10, 113:17, 114:10, 114:18, 114:19, 115:2, 115:21, 117:2, 147:18, 153:16
digital
13:9
dimension
165:7, 165:8
dimensions
70:14, 97:8
direct
90:12
directed
45:14
direction
165:13, 165:15, 166:7, 166:8, 166:14, 167:5, 167:9
dirt
98:2, 98:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
189 of 220

150:6, 151:6
disadvantages
142:11
discern
48:17, 50:8, 52:20
disclose
23:2
disclosed
34:10, 35:5, 45:14, 96:6, 113:21, 114:7, 115:22, 118:15, 119:6, 119:19, 123:11, 135:3, 148:6, 154:19, 160:18, 160:21
discloses
60:8, 67:18, 111:12, 112:1, 112:4
disclosing
123:1, 127:22, 154:19
disclosure
46:9, 112:15, 113:8, 113:9, 113:16, 118:5, 118:7, 121:1, 130:16, 131:16, 144:13, 150:10, 151:9, 155:3, 155:13, 173:17
disclosures
102:2
discuss
23:13, 29:20, 58:16, 117:7, 135:22, 171:13
discussed
22:5, 32:1, 33:5, 45:19, 47:8, 72:5, 74:1, 94:16, 95:1, 119:10, 134:18, 140:18, 142:19
discussing
10:7, 40:17, 46:10, 46:14, 81:16, 120:5, 150:15, 171:3
discussion
43:6, 46:12, 47:10, 47:12, 53:21, 64:9, 103:6, 113:2, 122:5, 134:6, 159:15, 163:17, 174:8
discussions
88:4, 100:19
displace
48:2, 48:21
display
68:9, 76:4, 77:21, 108:9
disposed
51:20, 112:6, 114:3, 122:16, 125:9, 126:15, 127:7
distance
67:14, 68:13, 69:19
distinctive
28:2, 41:12, 42:5
district
71:20
dna
27:19, 31:5, 37:8, 38:2, 38:21, 40:11, 41:21, 42:20, 43:11
doctor
56:21, 58:8, 61:17, 64:1, 64:16, 69:2, 82:5, 95:5, 110:12, 123:16, 157:14
document
56:18, 148:21, 151:19
documents
16:1, 16:6, 24:5, 24:13, 24:17
doing
119:14, 120:8
dome
61:12, 63:8, 138:3, 138:20, 145:1, 145:9, 145:20
done
54:6, 168:19, 171:4, 173:22
douglas
3:3, 5:4, 6:6, 6:7, 6:21, 7:2, 7:5, 7:11, 15:7, 15:12, 15:15, 15:18, 15:21, 23:15, 34:7, 39:6, 40:13, 45:20, 46:3, 46:6, 48:15, 51:3, 52:2, 57:6, 58:15, 64:6, 65:1, 66:15, 68:16, 70:4, 70:19, 71:1, 71:4, 72:7, 74:3, 75:14, 79:1, 81:5, 82:19, 84:1, 86:10, 90:9, 93:15, 98:10, 99:14, 105:19, 106:3, 106:6, 109:2, 110:1, 111:1, 113:5, 114:21, 115:18, 117:9, 118:21, 124:1, 126:11, 129:6, 129:9, 129:13, 133:2, 133:6, 133:9, 145:15, 148:8, 149:17, 152:4, 158:11, 158:14, 158:17, 159:6, 159:11, 160:12, 162:9, 164:18, 165:11, 166:11, 166:21, 167:12, 167:17, 168:21, 170:10, 171:7, 171:21, 174:9, 174:20, 175:11, 175:14
douglas@alston
3:10
down
30:15, 87:14, 111:8, 111:18, 122:8, 136:11, 137:19
download
12:18, 12:19, 12:21, 13:10, 13:11, 15:8, 16:6, 19:13, 106:12
downloaded
16:16
downloading
16:11
draft
23:17, 23:22
drawn
50:19, 53:9, 53:16, 64:3, 70:14, 166:7, 166:13, 167:11
duly
6:16, 6:18, 177:6
during
149:11, 150:21
dust
98:20
dynamic
65:15

E

e
28:19, 114:2, 117:22
each
69:15, 88:1,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
190 of 220

97:9, 97:10, 158:3, 162:2
earlier
26:2, 42:17, 42:18, 47:10, 98:1, 133:10, 134:19, 169:1, 174:9
early
106:20
easier
13:8, 13:9, 18:4, 72:11, 72:14
edges
129:22, 131:1, 131:5, 132:11, 146:6
effect
171:22
effecting
95:20
eight
8:1, 8:2, 8:5, 8:8, 8:13, 9:17
eight-to-ten-minute
167:13
either
15:9, 24:18, 45:8, 72:13, 88:8, 170:7
el
3:17
electric
145:12, 145:13
electrical
34:2, 120:15, 120:21, 135:5, 143:14, 159:1, 159:3, 159:4
electrically
158:3, 162:2
electrode
145:11
electromagnetic
35:22, 126:10
electronic
16:15, 17:2, 51:8, 56:2, 61:4, 62:12, 62:21, 63:2, 75:6, 76:3, 76:6, 76:9, 76:12, 77:11, 77:20, 78:1, 78:4, 78:8, 78:19, 90:22, 94:11, 95:16, 96:2, 97:20, 101:10, 101:14, 103:17, 104:5, 108:1, 111:6, 117:20, 121:4, 133:16, 140:8, 141:22, 142:14, 149:11, 149:15, 150:8, 150:19, 152:13, 153:6, 153:10, 153:12, 154:22, 155:10, 156:18, 158:7, 162:5, 169:13, 169:15
electronics
101:1
element
69:15, 69:17, 99:3, 135:4, 135:15, 136:19, 140:20, 141:2, 144:10, 145:10
elements
45:7, 53:8, 53:10, 53:12, 53:13, 62:10, 63:10, 67:13, 68:12, 69:16, 89:22, 99:4, 119:12, 120:6
embedded
122:14, 123:12, 124:5, 124:22, 125:7, 127:4, 139:8, 139:12
embodiment
55:14, 61:6, 61:11, 62:15, 63:4, 69:6, 69:8, 69:12, 70:3, 70:18, 89:4, 89:19, 92:16, 92:20, 92:21, 93:3, 110:18, 116:18, 117:22, 121:10, 121:14, 123:1, 144:12, 147:13, 147:18, 148:9, 148:18, 149:3, 149:7, 153:16, 157:3
embodiments
27:22, 28:9, 28:18, 42:2, 42:9, 42:14, 45:14, 60:2, 62:19, 155:3, 155:13
emission
124:13
employed
177:19
employing
101:1
enable
28:3, 42:5, 65:16, 67:5, 100:21, 169:15
enabled
101:6
encapsulant
92:22
enclosed
73:1, 73:8, 75:7, 75:9, 79:17
enclosure
48:2, 48:14, 48:22, 73:1, 73:8, 75:6, 79:17, 87:1
enclosures
104:6
end
16:20, 57:7, 57:13, 95:17, 115:13
ending
14:2, 17:5, 172:20
ends
16:18, 17:4, 107:12
engaged
22:11, 22:14
enhance
94:4, 95:11
enough
9:1, 10:16, 11:9, 11:18, 12:9, 43:19, 65:10, 66:2, 66:17, 67:6, 69:13, 166:22
entering
99:11, 150:7
entire
44:14
entitled
141:14
entry
99:5
enumerated
58:4
environmental
104:8
epoxy
104:7
errata
176:7
error
160:13
essential
94:10, 95:16, 96:1
et
94:9, 95:14, 100:2, 100:14, 101:22, 102:21, 111:7, 140:13, 142:21, 150:22, 151:6
even
96:7, 134:16,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
191 of 220

135:10, 136:10, 136:12, 136:15, 137:1, 137:13
ever
7:18
every
12:5, 23:19
everybody
168:13
everything
25:18
exact
119:9, 120:20
examination
6:20, 168:1
examined
6:19, 176:3
example
29:1, 29:9, 30:11, 30:19, 35:2, 44:22, 45:13, 45:15, 49:2, 49:7, 49:11, 54:12, 54:19, 55:4, 56:10, 57:3, 58:4, 58:13, 60:11, 62:9, 62:12, 63:1, 63:18, 64:19, 65:19, 67:9, 70:2, 75:6, 76:10, 78:6, 89:1, 89:2, 89:7, 89:10, 90:4, 92:12, 93:8, 98:17, 101:8, 103:20, 104:4, 109:16, 110:15, 116:16, 124:2, 131:19, 136:3, 137:20, 138:10, 138:12, 149:9, 156:3, 157:3, 169:9, 169:13, 169:22, 170:5
examples
27:15, 36:8, 41:15, 42:18, 42:22, 43:10, 57:18, 100:10, 100:16, 104:16, 104:22, 105:9, 105:14, 105:17, 170:3
excellent
12:11, 12:17, 14:19, 16:13, 17:18, 18:15, 27:7, 133:19
except
73:19, 74:6
exclude
28:9
exclusively
155:7
exhibit
13:3, 14:13, 16:2, 16:17, 17:1, 17:2, 17:10, 17:11, 18:18, 18:21, 19:6, 19:8, 19:11, 19:21, 20:3, 20:5, 20:9, 20:13, 20:16, 20:21, 21:3, 21:5, 21:13, 25:8, 26:8, 27:2, 40:21, 84:11, 106:10, 106:16, 117:12, 118:3, 118:10, 119:1, 133:11, 133:12, 133:16, 133:17, 133:22, 144:5, 146:7, 146:12, 146:17, 151:15, 154:19, 156:19, 168:4, 170:16, 172:20, 173:10
exhibits
5:9, 12:20
exists
118:8
expect
119:14
expectation
121:17, 141:15
expecting
142:6
experienced
10:18
expert
10:10
explain
23:5, 102:3, 130:17, 134:16
explanation
124:15
exploded
147:13, 148:17, 149:3
expressed
85:4
expresses
23:19
extent
12:19, 36:18, 38:10, 48:7, 50:10, 51:14, 52:22, 56:19, 58:6, 63:21, 68:2, 68:22, 70:10, 74:22, 80:21, 82:3, 83:13, 85:18, 88:17, 92:2, 95:3, 97:14, 108:18, 110:10, 125:22
exterior
79:18, 80:13, 81:21, 82:2, 82:21, 82:22, 83:4, 83:9, 84:16, 85:6, 85:10, 85:16
external
86:6
externally
149:9
extract
36:1

F

face
64:5, 89:11, 143:7
faces
157:4, 161:17
fact
44:22, 97:6, 143:13, 174:9
fair
9:1, 10:16, 11:9, 11:18, 12:2, 12:9, 27:3, 43:3, 43:7, 43:15, 43:19, 43:21, 81:18, 87:22, 105:17, 115:19, 122:21, 130:6, 132:1, 132:10, 135:19, 137:21, 147:17, 151:17, 152:18, 153:17, 163:18, 165:15, 166:22
familiar
19:2, 20:1, 20:12, 21:2, 32:12, 32:15, 60:4, 146:16, 147:2, 162:7
far
122:2
fasteners
94:8, 95:13, 100:17
feel
12:5, 16:5, 44:13
fernando
3:5, 6:9
few
10:19, 24:21, 93:16, 116:13, 162:19
field
125:17, 125:20,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
192 of 220

126:5, 126:7, 130:11
figures
49:13, 49:20, 51:20, 52:5, 109:16, 117:2, 144:5, 149:7, 151:17, 152:3, 152:10, 152:14, 152:18, 153:4, 153:7, 153:8
filed
19:16, 24:10
fill
99:11
filling
104:5
film
89:22, 90:1
final
151:8
finally
12:4, 28:11
financially
177:21
finch
3:4, 6:9
find
96:18, 98:7, 99:7
fine
67:10, 67:12, 67:18, 68:7, 69:13, 72:13
finger
45:9, 65:16, 69:18, 70:8, 70:15
fingerprints
39:17, 46:22
finish
11:16, 158:11
finished
11:15
first
6:18, 23:11, 23:16, 23:21, 25:4, 25:16, 26:10, 27:3, 27:5, 27:9, 29:20, 30:11, 32:19, 35:10, 36:3, 40:16, 45:22, 51:22, 54:2, 54:11, 54:18, 65:7, 71:8, 71:10, 72:13, 75:16, 80:16, 81:15, 88:5, 91:10, 93:9, 93:17, 93:21, 99:16, 102:11, 105:5, 110:15, 117:14, 123:5, 129:7, 129:10, 129:12, 133:21, 134:2, 136:7, 137:18, 140:3, 140:17, 154:4, 154:8, 161:15, 163:9, 169:8, 170:16, 171:6, 172:20
fish
3:16, 6:12, 6:13
fit
94:9, 95:14, 100:1, 100:6, 100:17, 102:20
fits
100:1, 100:7, 100:8, 100:9
fitted
89:5, 149:8
five
89:22
five-minute
175:12
flexibility
120:2
flexible
86:21, 87:8, 87:17, 89:4, 89:14, 90:2, 91:2, 92:14, 92:18, 93:4, 94:4, 95:11, 97:22, 116:20, 125:9, 126:15, 130:2, 130:9, 130:20, 131:3, 131:11, 132:2, 134:3, 134:11, 134:21, 135:4, 135:7, 135:11, 135:13, 135:15, 136:1, 136:13, 136:17, 136:19, 137:2, 137:4, 137:5, 137:9, 138:7, 138:22, 140:8, 140:9, 140:20, 140:21, 141:2, 150:20, 155:6, 155:16, 157:4, 157:18, 157:20, 158:2, 160:20, 161:13, 161:17, 161:22, 163:10, 163:19, 164:3, 164:4
flow
99:10
focus
44:16
focused
109:16
following
27:13, 89:22
follows
6:19
food
98:20
footnote
75:17, 75:18, 75:20, 76:17, 76:22, 77:8, 77:17, 77:19, 78:12, 78:21, 79:5, 79:6, 81:11, 81:15, 82:2, 83:2, 83:11, 84:20, 125:4, 126:18, 174:5, 174:14, 174:15, 174:19
foregoing
176:4
foreign
99:5
forget
8:20
form
33:18, 34:5, 60:8, 62:3, 67:13, 85:4, 89:6, 97:2, 101:9, 102:13, 118:11, 119:2, 129:22, 131:1, 148:12, 150:6, 150:18, 156:7
formed
73:2, 73:9, 75:7, 89:14, 110:20, 131:4
forming
40:5, 44:9, 57:15, 58:20, 58:22, 92:6, 93:7, 98:17, 113:20, 148:3, 151:5, 152:22, 154:10, 154:17, 155:4, 155:14, 161:7
forms
68:11, 104:9
forth
26:11, 26:12, 82:9, 86:9, 109:13, 171:18, 177:6
found
131:14, 135:7
foundational
171:7
four
25:19
fourth
129:20

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
193 of 220

fpcb
157:6, 157:8, 157:11, 157:22, 158:19, 158:21, 159:20, 159:21, 160:18, 160:19, 161:19, 161:21
frame
142:3
framework
171:20
free
12:5, 16:6, 44:14
front
13:15, 14:17, 75:21, 76:2, 76:4, 76:10, 76:15, 76:22, 77:7, 77:19, 77:21, 78:5, 78:12, 79:4, 79:10, 79:22, 81:17, 82:1, 83:4, 83:5, 83:11, 84:19, 85:1, 85:5, 85:15, 110:21, 141:21, 142:13, 143:7, 143:22, 168:5, 168:7, 173:10
full
7:12, 30:10, 49:12, 49:20, 49:22, 136:6
fuller
27:12
fully
95:7, 130:10
function
137:12
functioning
128:4
further
29:8, 61:12, 63:7, 87:14, 89:11, 92:20, 102:18, 117:7, 120:22, 122:16, 124:12, 127:6, 141:13, 142:9, 143:10, 151:7, 161:9, 175:8, 175:15, 177:10, 177:13, 177:17
furthermore
117:4

G

gaps
99:11, 104:14
gasket
89:11, 89:15, 101:9, 101:17, 103:6, 103:11, 103:20, 104:19, 150:5, 150:16, 150:17, 150:20, 151:1, 151:5, 151:16, 151:22, 156:1
gaskets
103:21, 104:1, 142:20
gears
79:21, 80:2
gel-like
101:20, 104:7
general
132:4, 132:18
generally
48:12, 50:20, 51:1, 53:19, 64:5, 76:8, 78:18, 85:12, 96:9, 118:3, 153:8, 156:9, 159:2
generate
145:12
gesture
65:15
getting
39:2
give
11:21, 12:20, 47:13, 49:21, 107:13
given
99:10, 176:6, 177:9
glass
122:17, 127:7
go
10:19, 28:5, 30:7, 33:16, 36:20, 38:12, 40:2, 46:4, 48:9, 50:12, 51:16, 53:2, 56:21, 58:8, 58:22, 62:6, 64:1, 64:16, 65:19, 66:8, 68:4, 69:2, 69:4, 70:12, 71:1, 75:2, 78:15, 82:5, 83:15, 88:19, 92:4, 95:5, 97:18, 98:15, 101:12, 102:1, 108:19, 109:10, 110:12, 114:12, 115:6, 116:4, 116:16, 117:1, 118:18, 120:18, 121:13, 121:15, 123:16, 126:2, 132:15, 133:6, 141:11, 143:4, 147:22, 148:22, 151:20, 157:14, 159:7, 160:8, 161:4, 164:9, 165:4, 166:3, 166:17
goes
45:10, 45:12, 48:13, 55:9, 61:10, 89:9, 144:15
going
10:19, 11:13, 23:1, 30:15, 45:21, 52:4, 61:18, 62:22, 72:16, 78:18, 115:14, 115:15, 120:22, 122:3, 135:17, 136:11, 140:4, 145:6, 148:16, 168:12, 171:6
gone
8:14, 70:20
good
6:6, 6:22, 7:1, 45:21, 97:5, 105:19, 106:2, 133:4, 159:7
grabbing
79:11
great
46:2
green
140:6, 163:6, 163:16
grooves
45:9, 69:14
ground
10:19, 131:17
group
69:8, 99:3
guesstimate
126:6

H

haf
89:21
halfway
137:19
hand
178:2
handy
133:17
happen
173:9
happens
68:7
happy
19:15, 109:17,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
194 of 220

148:5
hard
11:13
hashed
53:9
hazards
104:9
head
11:6
header
16:19
heading
14:9
hear
168:13
heard
49:17, 74:4
heart
26:21, 27:19, 27:21, 28:9, 29:2, 29:9, 31:5, 35:3, 35:17, 35:18, 35:20, 36:1, 37:8, 38:2, 38:21, 39:17, 40:11, 41:21, 42:1, 42:8, 42:20, 42:21, 43:11, 169:22, 170:4, 170:5, 170:7
heat-activated
89:20, 89:22, 90:1
height
164:14
held
2:1
helpful
143:21
helps
67:19
here
6:12, 6:13, 10:2, 13:12, 17:10, 17:22, 21:16, 25:1, 29:7, 33:10, 34:6, 34:22, 38:18, 39:15, 39:18, 44:9, 57:11, 76:1, 78:17, 85:11, 85:14, 86:3, 97:4, 97:11, 99:20, 102:16, 105:20, 109:17, 112:4, 119:15, 126:6, 128:1, 129:4, 129:16, 136:6, 159:4, 161:8, 163:9, 171:4
hereby
176:2, 177:4
herein
6:18, 30:22, 37:4, 45:14, 63:15
hereinbefore
177:6
hereunto
178:1
hi
6:6
highlight
23:10, 24:12, 35:13, 45:11, 69:5, 101:17, 101:19, 102:19, 105:2, 117:17, 123:7, 125:14, 130:14, 141:13, 141:18, 153:21, 174:22
highlighted
26:2, 32:8, 73:18, 89:2, 128:2, 130:21, 162:15, 163:3, 163:11, 163:12
highlighting
26:16, 66:12, 116:13, 119:10, 126:22, 136:6, 153:22
hit
15:13
hold
131:22
home
56:12, 57:5, 57:19, 58:14, 60:12, 107:21, 108:2, 108:6, 108:12, 108:13, 109:4, 109:5, 110:6, 110:7, 144:13, 144:14, 144:16, 144:17, 144:20, 144:21, 145:16, 145:19, 146:3
hope
106:7
hopefully
172:17
horizon
164:20
horizontal
164:14, 164:21, 165:1, 165:14, 166:7, 166:8, 166:14, 167:1, 167:5, 167:9
hot
157:7, 157:21, 159:20, 160:18, 161:20
hour
12:5, 45:21, 70:20, 133:3
hours
22:9
housekeeping
7:6, 12:13
housing
87:18, 101:10, 101:22, 104:2, 104:13, 108:8, 150:19
however
14:5, 96:3
human
27:18, 28:3, 31:2, 31:3, 36:5, 36:10, 36:16, 37:5, 37:6, 37:20, 37:21, 37:22, 38:7, 38:16, 38:18, 38:19, 39:4, 39:7, 39:13, 39:19, 40:7, 41:13, 41:18, 42:6, 69:14
hypothetical
132:14, 160:2, 160:6, 161:2
hypothetically
137:13

I

identical
17:16, 19:18, 81:19
identification
28:3, 31:8, 37:13, 42:6, 169:11, 169:12
identified
41:13, 47:18, 141:5
identifies
100:16, 125:5
identify
6:4, 27:17, 30:20, 31:1, 36:10, 37:5, 37:21, 38:18, 41:17, 55:5, 67:3, 118:4, 141:6, 169:10
iii
141:14
illinois
177:4
illustrate
153:9
image
84:12, 121:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
195 of 220

123:6
images
121:11, 123:5
imagine
173:20
implement
59:7, 59:18, 115:21, 116:8, 118:12, 119:4, 119:17, 120:3, 159:19, 160:17
implementation
115:9, 119:9, 119:22
implemented
30:18
implementing
121:17, 141:16, 142:7, 142:11, 142:15
impression
153:18
inaccurately
125:11
inc
1:5, 1:8, 3:2, 3:12, 6:14, 177:11
include
29:10, 31:4, 31:22, 32:1, 32:20, 37:8, 38:1, 38:21, 39:9, 42:19, 44:3, 48:3, 48:22, 55:11, 61:12, 63:7, 83:10, 86:2, 104:17, 105:15, 108:7, 111:9, 111:13, 111:16, 112:9, 112:20, 114:3
included
16:7, 28:1, 29:10, 39:9, 42:3, 43:1, 75:17, 140:1, 175:6
included"
42:10
includes
26:19, 27:15, 27:17, 28:18, 28:21, 35:14, 36:7, 36:9, 41:15, 41:17, 45:17, 47:22, 52:16, 61:5, 63:2, 94:15, 94:22, 123:20, 128:6, 134:6
including
7:10, 26:20, 30:19, 32:15, 35:1, 35:21, 39:16, 40:10, 43:11, 67:1, 99:5, 128:5, 130:14
inclusion
121:7
incomplete
132:14, 160:1, 160:5, 161:1
incorporate
59:6
incorporating
119:12, 121:2, 150:11, 151:10
indeed
53:17, 124:7
indicate
31:12, 37:17
indication
119:13, 123:8
individual
28:4, 41:13, 42:6
infiltration
104:15
infinite
33:21, 34:9
information
65:4, 65:10, 66:2, 66:18, 67:6
ingress
98:21, 99:4, 101:2
inhibits
99:4
injected
155:22
injection
154:14, 154:20, 155:19, 155:22, 156:7, 156:8
inoperable
141:3, 141:9
input
28:15, 28:19, 28:20, 30:13, 30:14, 31:13, 34:22, 37:17, 37:18, 37:19, 47:22, 48:3, 48:22, 49:4, 55:3, 62:16, 63:3, 65:5, 65:11, 65:12, 65:15, 66:3, 66:4, 66:18, 66:20, 67:6, 67:8, 69:19, 149:14
inputs
61:5
insert
154:14, 154:20, 155:19, 155:22, 156:7, 156:8
insert-injected
155:17
inside
139:8, 158:6, 161:15, 162:5
insofar
145:21
instead
131:8
integrated
62:11, 62:13, 63:12, 117:18
inter
8:9, 8:15
interchangeability
58:11
interchangeable
58:3
interchangeably
38:9
interest
10:13, 79:20
interested
177:21
interior
150:7
interpret
26:17, 28:17, 82:8, 83:19, 85:10, 86:9, 148:13, 164:12
interpretation
26:6, 48:8
interpretations
26:4
interpreting
50:15, 82:17, 86:8
interrupt
15:8, 15:20
invention
29:16, 71:20, 74:21, 80:19, 88:16, 91:21
inventiveness
66:10
involve
101:15, 103:12, 103:18
involved
24:4, 24:8, 142:11
involves
101:1, 103:21, 104:5
inward
89:13
iphone
10:15

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
196 of 220

ipr
1:11, 1:12, 5:11, 5:13, 13:4, 16:2, 16:9, 16:17, 17:3, 17:11, 17:12, 18:1, 18:5, 18:6, 18:9, 172:20
ipr-
14:14
ipr-00
18:9
iprs
18:1, 18:13, 18:18, 20:6
isolation
148:13, 148:14, 153:20, 161:7
issue
18:12
issues
17:20, 72:5, 74:1
item
16:5, 47:18, 50:4, 50:8, 60:18, 60:20, 84:21, 85:1, 107:17, 139:19, 166:14
items
15:17
itself
113:22

J

job
1:20, 86:9
joining
7:4
july
1:17, 177:15, 178:2
jump
106:3, 111:18
jung
5:16, 20:4, 20:5, 20:8, 84:13, 133:11, 134:8, 134:11, 134:17, 134:21, 136:4, 136:8, 136:9, 138:1, 138:13, 138:16, 138:17, 140:1, 140:5, 143:19, 143:21, 144:1, 144:3, 144:7, 145:6, 146:2, 153:22, 154:9, 172:2, 172:7, 172:10, 172:11
jung's
134:3, 134:12, 134:22, 135:7, 135:11, 135:13, 136:1, 136:13, 136:16, 137:2, 137:4, 137:7, 138:2, 138:7, 138:9, 138:19, 138:22, 139:2, 140:21, 150:12, 151:10
jung-myers
141:16, 142:12

K

key
56:11, 57:4, 58:13, 60:12, 84:21, 84:22, 140:11, 144:13, 144:14, 144:16, 144:17, 144:20, 144:21, 145:16, 145:19, 145:22, 146:3, 150:12, 151:10, 155:1, 155:2, 155:11, 155:12, 162:22, 163:2
keyboard
56:11, 57:4, 57:19, 58:13, 60:12
keys
57:19
kim
19:4, 19:5, 19:7, 19:11, 19:19, 76:14, 76:21, 94:3, 95:10, 96:6, 102:2, 106:10, 106:17, 107:19, 107:21, 108:5, 111:2, 111:12, 112:1, 112:4, 112:15, 113:8, 113:9, 113:16, 113:21, 114:7, 115:10, 115:22, 116:13, 117:6, 117:12, 117:16, 119:7, 119:20, 120:10, 121:1, 121:21, 122:21, 122:22, 123:3, 125:6, 125:19, 127:22, 129:4, 130:12, 130:16, 131:19, 132:8, 132:20, 142:12, 159:18, 159:22, 160:10, 173:9, 173:12, 173:13, 173:17, 174:3, 174:10, 174:16, 175:4
kim's
95:20, 102:3, 117:22, 121:6, 125:4, 130:17, 131:14, 173:6
kind
30:2, 49:14, 113:6, 120:15
knew
80:1
know
11:13, 11:21, 15:11, 16:1, 17:19, 24:12, 24:15, 33:10, 34:3, 34:19, 38:15, 39:15, 45:10, 49:2, 49:19, 50:15, 52:3, 54:6, 57:17, 57:18, 59:17, 60:1, 72:14, 74:14, 74:16, 75:5, 79:22, 85:11, 86:7, 90:3, 90:4, 98:17, 109:18, 115:20, 116:6, 117:1, 118:12, 119:3, 119:17, 126:7, 128:12, 130:11, 136:7, 136:8, 137:20, 159:1, 159:19, 160:17, 168:4, 168:10, 168:19, 170:22, 171:4, 172:21, 173:14, 173:22
knowledge
17:9
known
55:10, 142:20

L

labeled
125:11, 125:17, 127:9, 127:10, 128:3, 128:10
labeling
127:11, 175:1, 175:4
language
26:18, 28:17
large
65:16
last
9:17, 14:7, 16:21, 39:21, 42:7, 70:20, 77:13, 86:15,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
197 of 220

110:2, 124:18, 150:2, 150:3, 172:17
later
73:18
lateral
76:7, 77:10, 77:14, 77:16, 78:2, 78:18, 78:20, 79:8, 81:17, 83:1, 83:5, 83:7, 111:6, 117:19, 118:2, 121:3, 142:1, 142:16, 143:1
layer
89:5, 89:20
leading
170:10, 174:20
least
16:4, 23:10, 26:8, 32:5, 32:9, 41:7, 50:18, 53:4, 53:16, 53:18, 65:6, 120:11, 149:21
led
28:7, 118:5
left
47:2, 129:21, 130:22
legal
36:19, 38:11, 48:8, 50:11, 51:15, 53:1, 56:20, 58:7, 63:22, 68:3, 68:22, 70:10, 75:1, 80:22, 82:4, 83:14, 85:19, 88:18, 92:3, 95:4, 97:15, 108:18, 109:9, 110:11, 115:5, 123:15, 126:1
length
164:13
let's
8:19, 11:5, 11:12, 36:7, 72:2, 113:14, 133:5
letting
49:19
level
66:12
levels
98:5
lighter
163:4
likewise
151:1
limitation
55:11
limitations
82:11
line
16:21, 30:12, 30:16, 31:20, 31:21, 37:3, 44:12, 44:15, 44:17, 44:18, 44:21, 45:3, 45:13, 47:9, 47:11, 47:12, 49:12, 49:13, 49:17, 49:21, 50:4, 51:6, 51:19, 52:13, 53:5, 54:4, 54:7, 54:10, 54:17, 54:21, 55:18, 56:5, 56:6, 56:9, 56:15, 57:14, 58:1, 59:19, 59:20, 60:7, 60:17, 61:2, 61:3, 62:1, 62:2, 62:10, 63:1, 67:9, 67:21, 68:18, 69:6, 72:19, 72:22, 79:13, 79:16, 86:15, 86:20, 87:7, 87:16, 89:3, 89:10, 89:19, 90:22, 92:12, 92:16, 92:21, 93:2, 98:22, 106:21, 107:12, 107:19, 108:5, 111:3, 111:8, 111:15, 111:19, 121:22, 122:9, 122:12, 127:2, 127:14, 129:20, 157:2, 162:13, 173:18, 173:20
lines
32:17, 35:5, 38:5, 40:22, 41:2, 41:7, 41:10, 47:17, 51:19, 53:5, 58:19, 59:8, 73:6, 90:13, 106:21, 108:1, 113:18, 114:8, 115:22, 117:13, 117:15, 118:10, 118:15, 119:1, 119:7, 119:20, 120:10, 122:4, 122:22, 123:11, 124:3, 124:20, 125:18, 125:20, 126:5, 126:13, 127:13, 127:18, 128:9, 156:21, 158:19, 159:14, 159:22, 160:21, 168:18
link
13:11, 15:8
lint
98:20
liquid
104:6
liquid-tight
94:10, 94:16, 94:22, 95:15, 96:1, 96:8, 96:22, 97:2, 97:13, 100:19, 100:21, 101:6, 102:18, 103:1
liquids
98:19
list
80:8, 102:21
listed
19:13, 80:8
little
7:3, 47:10, 52:8
lives
18:4
llp
3:6
located
108:7, 108:9, 111:6, 138:4, 138:21
location
31:13, 37:18, 38:17, 135:15, 136:19, 136:20, 137:5, 141:2
locations
7:10
long
17:4, 22:7, 50:22
look
47:5, 47:16, 49:10, 52:5, 52:6, 54:3, 72:3, 72:8, 72:15, 79:12, 86:15, 87:6, 87:7, 121:21, 129:19, 146:11, 147:9, 149:18, 156:21, 162:10, 162:12
looked
152:19
looking
9:17, 13:16,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
198 of 220

16:15, 17:1, 31:19, 32:17, 32:18, 38:4, 41:10, 48:5, 50:7, 51:6, 51:12, 52:15, 52:19, 60:18, 65:22, 68:17, 70:5, 72:16, 72:17, 84:5, 84:18, 86:14, 93:21, 99:17, 102:10, 102:11, 107:16, 108:12, 109:3, 111:8, 117:10, 122:7, 124:19, 127:18, 130:11, 130:12, 137:17, 144:5, 152:5, 162:18, 164:2, 174:13
looks
107:12
lost
113:7, 145:7
lot
52:4
lower
89:8, 89:12, 163:6, 163:12, 164:7, 165:1, 165:10, 165:20, 165:22, 166:9
lunch
105:21, 106:8

M

made
140:20, 155:3, 155:13, 172:9
main
35:19, 145:13
mainly
39:1
maintains
62:18
make
11:5, 11:14, 16:14, 18:4, 51:4, 77:12, 80:1, 127:12, 127:17, 130:5, 141:3, 158:22, 159:2, 159:4
manipulation
61:9, 63:6
manufacturing
58:17, 58:22, 59:3, 59:7, 59:15, 59:17, 95:19, 100:9, 101:6, 142:17
many
7:21, 8:5, 8:13, 9:18, 32:14, 32:15, 100:12
mapped
154:11
mapping
110:17
marked
13:3, 13:14, 14:2, 14:13, 16:2, 16:16, 18:17, 19:6, 19:11, 20:3, 50:4, 146:8, 156:14
marriage
177:19
masimo
9:8
mass
7:15
massachusetts
7:16
material
104:7
materials
12:14, 24:15, 101:2, 101:20
mating
103:22
matrix
69:12
matter
7:6, 9:14, 12:12, 13:14, 21:21, 22:11, 22:15, 22:18, 22:19, 23:17, 23:20, 23:22, 24:3, 25:5, 25:9, 27:2, 90:18, 93:19, 98:20, 133:22, 171:9, 177:22
matters
17:14, 24:7, 24:11, 24:19
maybe
30:18, 44:6, 47:5, 133:4, 167:13
mean
15:20, 32:22, 36:17, 42:15, 81:16, 108:1, 125:19, 156:12, 159:6, 160:4, 164:13
meaning
29:15, 57:20, 71:19, 74:11, 74:19, 76:19, 77:5, 80:18, 82:21, 83:9, 88:12, 88:15, 91:16, 91:20, 94:15, 94:21
means
55:10, 95:19, 100:9
meant
57:12, 83:4, 90:8, 126:5, 160:13
measurable
41:12
measure
28:20, 31:13, 31:17, 33:6, 33:22, 34:4, 34:21, 34:22, 37:19, 39:16, 44:4, 55:17
measured
33:9, 40:12
measurement
27:10, 28:21, 31:14, 32:20, 35:1, 35:8, 35:14, 44:3
measurements
29:20
measures
67:17, 69:16
measuring
30:3, 33:11, 34:12
mechanical
65:14, 94:8, 95:13, 100:16, 104:11, 143:8
meet
82:11
member
30:14, 47:22, 48:3, 48:22, 49:4, 157:5, 157:18, 158:2, 158:6, 160:20, 161:14, 161:15, 161:18, 162:1, 162:5, 163:3, 163:5, 163:10, 163:16, 163:19, 163:20, 164:1, 164:4, 164:5, 164:6, 164:22, 165:10, 165:18, 165:19, 165:21, 166:10, 166:13, 167:3, 167:4, 167:8
memory
171:3, 174:2, 174:12
mentioned
63:10, 124:19
merely
95:21

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
199 of 220

method
101:6, 155:1, 155:11
methods
99:22, 100:13, 100:18, 100:19, 102:16
michael
3:14
michelle
1:22, 2:2, 71:2, 106:4, 177:3, 178:8
middle
14:2
midway
138:14
might
23:3, 23:4, 124:18, 170:4
mike
6:11
mind
79:11, 133:13, 167:12, 167:22
minute
113:14
minutes
46:3
mischaracterizes
66:6, 116:2, 151:18
mislabeled
174:10
mislabeling
174:16
missed
49:16, 49:17, 107:8, 166:20
missing
172:8
misstated
51:18
mobile
142:17, 144:7
modification
142:5, 172:6
modified
136:4, 141:22
modifying
138:13, 172:1
module
162:22, 163:2
moisture
98:3, 98:12, 99:6, 104:8
mold
156:10
molded
156:1
moment
13:12, 32:11, 47:13
months
8:20, 22:13
more
31:22, 53:6, 77:9, 77:14, 86:4, 109:15, 143:6, 161:8, 167:18
morning
6:6, 6:22, 7:1, 71:6
most
8:16, 8:17, 8:19, 9:3, 9:20, 71:5
motion
65:15, 150:22
motivated
82:12, 82:15, 121:18, 154:2
motivation
120:7, 150:13
move
87:15, 96:20, 97:9, 98:6
moved
128:18
moving
96:11, 96:14, 97:7, 99:12
multiple
33:19, 34:4, 34:16, 34:19, 34:21, 35:12, 35:21, 68:19, 99:8, 102:5, 102:6, 112:15, 113:10, 113:16, 157:17, 158:1, 159:3, 162:8
mutual
157:4, 157:17, 161:17
myers
5:18, 20:15, 20:17, 20:20, 101:8, 133:11, 134:4, 134:8, 134:13, 134:17, 135:1, 135:2, 135:12, 135:14, 136:2, 136:4, 136:9, 136:14, 136:18, 136:20, 137:6, 137:8, 137:22, 138:2, 138:3, 138:8, 138:12, 138:13, 138:16, 138:17, 138:19, 138:20, 139:2, 139:12, 141:1, 142:12, 142:15, 142:22, 146:9, 146:12, 146:17, 146:22, 147:3, 147:7, 147:12, 147:20, 148:17, 149:19, 150:4, 150:9, 150:15, 151:4, 152:5, 153:22, 172:1, 172:3, 172:6, 172:10, 172:11
myself
44:19, 129:16

N

name
6:6, 6:11, 7:2, 7:12
narrower
164:6, 165:1, 165:7, 165:22, 166:8, 166:14, 167:8, 167:10
natural
86:4, 143:6
nature
146:5
near
69:18
need
33:7, 33:18, 34:5, 34:16, 35:11, 39:12, 40:5, 44:6, 44:15, 57:15, 58:20, 59:21, 67:18, 75:4, 75:10, 82:7, 83:3, 83:18, 85:8, 86:7, 88:21, 90:4, 97:8, 114:14, 115:8, 119:8, 119:22, 120:4, 120:20, 126:4, 132:4, 132:17, 135:14, 136:17, 140:22, 148:12, 150:14, 158:9, 162:7
needed
59:18, 96:11
needs
96:20, 140:19
next
16:7, 52:5, 86:16, 96:3, 99:17, 105:10, 111:18, 137:17, 173:5
nice
106:8
non-planar
142:18, 142:20
north
3:8
note
7:6, 49:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
200 of 220

72:11
noted
141:19
notes
100:11
nothing
15:9
notice
2:2
noting
14:5, 162:14
number
8:21, 22:13, 84:6
numbering
152:1
numbers
16:3

O

o-ring
104:18, 105:15
oath
10:20
objection
30:5, 33:14, 36:18, 38:10, 39:22, 48:7, 50:10, 51:14, 52:22, 56:18, 56:19, 58:6, 62:5, 63:21, 64:15, 66:6, 68:2, 68:21, 68:22, 70:9, 70:10, 74:22, 78:14, 80:21, 82:3, 83:13, 85:18, 88:17, 92:2, 95:3, 97:14, 98:14, 108:16, 108:17, 109:7, 110:10, 114:11, 115:4, 116:2, 118:17, 120:16, 123:14, 125:22, 132:13, 141:10, 147:21, 148:20, 151:18, 157:13, 160:1, 160:5, 161:1, 164:8, 165:3, 166:1, 166:16, 170:10, 174:20
obtained
55:10
obvious
96:12, 96:19, 98:7, 99:10, 102:8, 129:1, 131:14
obviously
12:20, 13:1, 16:5, 45:10
obviousness
116:12, 117:5
occurs
28:20, 31:12, 37:17, 37:18
offer
25:15, 75:22, 171:13
offering
109:18, 116:10, 126:6
office
1:1
often
65:9, 104:1
oh
44:18, 129:9
okay
9:6, 14:7, 15:18, 15:19, 16:13, 27:7, 41:5, 44:19, 46:3, 47:15, 49:9, 50:1, 54:9, 70:21, 84:8, 86:13, 86:19, 105:3, 105:21, 106:15, 106:18, 107:8, 107:15, 108:4, 122:6, 129:15, 129:18, 133:6, 133:14, 144:4, 146:10, 146:15, 147:1, 147:7, 147:10, 148:16, 149:20, 152:9, 154:7, 156:16, 157:1, 158:11, 158:12, 159:6, 159:9, 162:17, 165:16, 168:6, 168:12, 170:21, 171:5, 171:6, 173:2, 173:15, 174:1
omits
100:19
once
19:13
one
8:11, 8:19, 11:20, 15:10, 22:18, 25:18, 31:22, 38:17, 55:14, 61:6, 63:4, 65:19, 69:6, 69:8, 69:12, 89:4, 89:19, 90:16, 92:21, 93:3, 100:11, 103:20, 123:10, 124:4, 124:7, 124:8, 147:19, 154:12
ones
17:21
ongoing
10:13
only
12:6, 25:16, 44:5, 97:5, 101:5, 108:2, 124:20, 131:19, 155:20
open
97:8
opening
51:21, 73:2, 73:9, 75:7, 79:18, 87:11, 87:19, 99:1, 110:20, 161:14
openings
104:2
operability
140:15
operate
114:18
operation
149:11, 161:12
opine
32:22, 33:7, 34:16, 35:11, 39:12, 40:5, 44:7, 57:15, 58:21, 59:21, 83:3, 83:18, 85:9, 86:7, 92:7, 115:8, 117:11, 119:8, 119:22, 120:4, 126:4, 132:4, 132:18, 161:6
opined
83:6, 148:2, 161:10
opining
97:1, 113:19, 114:15
opinion
23:18, 26:13, 27:21, 30:2, 32:21, 33:19, 34:5, 34:11, 35:6, 36:15, 41:11, 42:1, 42:8, 57:12, 65:2, 65:21, 70:6, 74:18, 83:8, 83:21, 85:5, 97:11, 101:4, 103:11, 108:13, 109:4, 110:7, 118:7, 118:9, 118:11, 119:2, 119:16, 120:12, 125:21,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
201 of 220

140:14, 141:7, 148:12, 153:15, 156:6, 159:17, 160:15, 169:20
opinions
23:13, 23:20, 24:2, 25:15, 25:19, 34:6, 40:6, 44:9, 46:16, 57:15, 58:20, 73:15, 85:3, 86:1, 92:6, 109:19, 113:20, 116:11, 118:22, 120:9, 148:3, 148:14, 153:1, 154:17, 161:7, 171:17
opportunity
12:21, 49:22, 107:1, 107:5
opposed
151:13, 172:2
opposing
9:6
optical
32:2, 32:6, 32:9, 32:12, 32:19, 33:1, 33:4, 33:11, 33:22, 34:10, 34:11, 34:20, 35:22, 55:13, 112:10, 114:4, 114:9, 114:16, 114:19, 114:22, 115:11, 116:9, 118:13, 119:4, 119:17, 120:12, 125:8, 125:11, 126:14, 128:13
options
99:8, 102:6, 102:7
order
8:1, 28:22, 68:20, 94:4, 95:11, 115:3
ordering
90:3
ordinary
29:14, 33:3, 71:18, 74:11, 74:18, 76:18, 77:4, 79:2, 80:18, 81:20, 81:22, 82:20, 83:8, 88:11, 88:14, 91:15, 91:19, 91:20, 94:1, 94:14, 94:20, 95:8, 159:17, 159:19, 160:15, 160:17
orient
129:16
original
84:10, 137:12
other
10:10, 10:15, 44:4, 45:11, 45:18, 57:20, 62:11, 97:9, 97:10, 100:9, 100:20, 104:8, 104:16, 105:9, 105:13, 118:4, 136:14, 140:11, 141:5, 141:7, 158:4, 162:2, 170:8
others
35:22, 104:18, 105:16
otherwise
100:20, 177:21
out
12:15, 14:5, 80:9, 104:10, 106:9, 133:13, 144:11, 148:6
outcome
9:14, 177:21
output
28:13, 31:9, 31:11, 36:12, 37:14, 37:16, 41:19, 52:18, 120:14, 120:21
outside
10:10, 30:5, 33:14, 40:1, 89:13, 108:17, 109:8, 114:11, 115:4, 116:3, 118:17, 120:17, 147:21, 148:20, 160:6, 161:2
oval
48:12
over
7:8, 10:19, 11:13, 63:1, 113:14, 173:5, 173:19, 174:13
overmolded
91:1, 91:6, 91:9, 91:16, 91:21, 92:13, 92:17, 92:22, 93:4, 94:3, 95:10, 97:21, 129:2, 130:13, 130:19, 131:10, 154:11
overmolding
92:8, 92:9, 93:6, 93:12, 93:13, 94:7, 94:15, 94:21, 95:12, 95:13, 95:19, 95:22, 96:5, 96:8, 96:10, 96:12, 96:17, 96:19, 96:22, 97:12, 98:7, 98:8, 98:11, 99:9, 100:10, 100:13, 100:20, 101:5, 101:16, 102:2, 102:4, 102:6, 102:7, 102:14, 102:17, 102:22, 103:12, 103:19, 104:22, 105:17, 130:9, 130:16, 130:18, 131:5, 131:12, 131:15, 131:17, 132:3, 132:5, 132:9, 132:12, 132:19, 133:1, 156:4, 156:7, 156:9, 156:11
ovular
146:5
own
29:3
owner
1:9, 3:12, 6:14, 9:11, 9:12, 9:19, 24:6, 24:9, 24:18

P

p1
118:1, 121:8, 124:9, 124:14, 124:19, 125:8, 125:12, 125:17, 126:15, 127:6, 127:14, 127:21, 128:7, 128:10
p2
118:1, 121:8, 122:14, 122:16, 124:21, 125:5, 125:6, 125:12, 125:15, 127:4, 127:15, 128:7
pad
65:16, 70:8, 127:8
page
5:2, 5:9, 13:2, 13:16, 13:18, 14:7, 14:8, 14:20, 16:14, 16:18, 16:19, 17:4, 26:7,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
202 of 220

51:5, 65:8, 72:12, 75:15, 75:17, 80:4, 80:6, 80:7, 81:7, 81:9, 81:10, 84:2, 84:4, 84:5, 84:6, 84:9, 84:19, 93:9, 93:18, 96:3, 99:16, 99:17, 105:10, 110:15, 117:7, 117:11, 125:3, 125:4, 125:13, 127:10, 128:17, 134:7, 135:5, 135:18, 136:21, 139:5, 139:13, 139:19, 140:2, 140:17, 141:8, 141:14, 143:16, 143:19, 144:3, 144:6, 146:19, 146:20, 150:4, 151:4, 162:15, 162:18, 163:9, 164:13, 166:15, 172:19, 172:22, 173:1, 173:2, 173:4, 174:6, 174:22, 175:7
pages
1:21, 14:2, 17:4, 17:8, 93:17, 149:22, 173:6
palm
27:19, 31:4, 37:8, 38:2, 38:21, 41:20, 42:20, 43:11
palms
39:17
panel
122:18, 127:8
paper
13:8, 14:6, 14:16, 106:11, 156:18
papers
172:14
paragraphs
14:9, 26:15, 27:13, 46:15, 54:2, 71:7, 73:18, 84:6, 91:10, 121:14, 134:2, 134:19, 143:17, 153:21, 170:15, 171:2, 171:22
parameters
34:21
parenthetically
68:8
part
8:14, 40:17, 49:16, 66:10, 93:3, 93:4, 99:2, 110:3, 115:16, 122:5, 134:5, 148:7, 148:10
partes
8:9, 8:15
particles
98:20
particular
10:1, 28:3, 34:6, 41:13, 42:6, 53:14, 59:22, 61:11, 70:3, 82:18, 109:20, 140:6, 161:6, 161:10
particularly
113:20, 115:9, 131:15, 147:5, 148:2
parties
7:7, 7:9, 177:18, 177:20
parts
96:11, 96:14
party
9:7, 177:10
pass
167:19
past
10:3, 10:6, 70:20
patents
23:9, 24:15
pause
86:17, 106:12
pausing
158:9
pc
6:12
pcb
125:9, 126:15, 130:2, 130:9, 130:20, 131:3, 131:11, 132:3, 157:20
pdf
16:18, 17:3
pending
12:7
perceived
142:10, 150:11
performed
148:11, 154:12, 161:16
performing
91:14, 96:17, 109:12
permit
149:13, 150:20
perpendicular
76:9, 78:4
person
33:3, 38:17, 40:8, 70:18, 79:2, 81:20, 81:22, 88:10, 91:20, 94:1, 95:8, 114:8, 115:20, 118:11, 119:3, 119:16, 159:17, 159:18, 160:15, 160:16
perspective
153:11
petition
24:14, 139:13
petitioner
1:6, 3:2, 6:8, 9:10
ph
1:16, 2:1, 5:3, 6:17, 176:2, 177:5, 177:14
phrase
76:2, 76:15
physical
27:18, 31:2, 31:3, 36:5, 36:11, 36:16, 37:6, 37:7, 37:20, 37:22, 38:7, 38:16, 38:19, 38:20, 39:4, 39:7, 39:13, 39:19, 40:7, 41:18, 108:7, 111:10, 111:17, 111:20, 112:2, 112:4, 112:18, 114:1, 122:15, 123:12, 123:19, 123:21, 124:6, 124:22, 125:7, 127:4, 128:5
physically
7:9, 11:4
pi
65:20
piece
98:6
piezoelectric
145:10
place
45:11, 92:10, 130:20, 131:20, 131:22
placed
104:1
places
89:1, 92:10
plain
88:11

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
203 of 220

plate
34:1, 134:13, 135:1, 136:22, 137:5, 137:8, 138:1, 138:2, 138:3, 138:8, 138:16, 138:17, 138:19, 138:21, 139:2, 163:6, 163:12, 164:7, 165:1, 165:10, 165:20, 165:22, 166:9
please
6:4, 11:5, 11:21, 16:5, 27:6, 41:3, 44:13, 44:18, 54:8, 71:11, 77:2, 80:4, 80:5, 84:5, 86:12, 94:18, 106:4, 108:22, 133:7, 133:13, 146:21, 147:9, 154:4, 156:22, 158:16, 159:8, 162:11, 173:21
point
12:5, 35:19, 35:20, 80:9, 105:20, 115:14, 115:15, 125:2, 158:9
pointed
107:6, 139:5, 144:11
pointing
107:10, 125:18
points
102:1, 130:15
polyimide
90:1
popped
15:13
portion
60:22, 62:20, 69:18, 86:21, 87:8, 87:16, 89:4, 89:12, 91:1, 92:13, 92:17, 92:18, 94:3, 95:10, 97:22, 116:20, 140:12, 152:12, 153:6, 154:9, 154:11, 155:5, 155:15, 155:20, 156:2, 163:2, 163:10, 163:11, 163:20, 164:2, 164:4, 164:21, 165:18, 165:21, 166:6, 166:12, 167:2, 167:3, 167:7, 174:3
posita
26:16, 28:7, 28:16, 29:9, 29:15, 57:17, 58:1, 59:1, 59:5, 59:13, 59:17, 59:22, 60:1, 60:4, 61:21, 62:1, 65:13, 71:19, 74:14, 74:20, 75:11, 79:7, 80:19, 82:8, 82:17, 83:18, 85:9, 85:12, 86:3, 86:8, 88:15, 90:5, 93:12, 93:14, 96:9, 96:18, 97:4, 98:7, 99:7, 101:4, 101:12, 103:15, 116:7, 118:6, 119:13, 120:1, 121:6, 121:16, 130:11, 130:18, 131:13, 132:21, 134:10, 134:16, 134:18, 134:19, 135:6, 135:10, 135:12, 136:1, 136:3, 136:7, 136:12, 136:16, 137:1, 137:3, 137:7, 137:22, 138:1, 138:11, 138:15, 138:18, 140:21, 141:15, 142:3, 142:6, 142:9, 142:19, 143:5, 145:21, 150:10, 151:9, 154:1, 161:10, 162:6
posita's
135:20
position
142:13
positional
90:3
positioned
49:3, 62:20, 67:11, 67:12, 75:9, 110:19, 117:19, 118:2, 124:11, 141:21, 149:10, 163:5
positioning
86:4, 142:22, 143:6
possibilities
33:21, 34:9
possible
70:16, 132:6
postdocs
14:3, 16:19, 17:5
potting
101:19, 104:5, 104:20
power
56:11, 56:17, 57:4, 57:18, 58:13, 60:11, 111:9, 111:12, 111:15, 112:2, 112:5, 112:18, 114:1
precious
89:6
precise
107:10
predetermined
145:12
predict
118:6
predictable
121:5
predominantly
25:19
prefix
16:8
preparation
22:22, 25:12
preparations
22:2
prepared
22:17
preparing
22:7, 23:4, 24:5, 73:15, 74:9, 85:3
present
4:4, 131:7, 132:11, 142:20, 144:12, 155:3, 155:13
press
28:19, 31:12, 100:1, 100:7, 150:21
pressed
52:1, 144:22, 145:7
presses
144:13, 144:18, 144:20, 145:20
pressure
27:20, 27:22, 28:10, 29:10, 31:5, 37:9, 38:3, 38:22, 39:17, 40:11, 41:21, 42:2, 42:9, 42:20, 42:22, 43:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
204 of 220

144:14, 144:20, 145:1, 145:8, 145:10, 158:4, 162:3, 170:1
prevent 96:14, 98:21, 99:11, 99:12, 101:2, 150:6
prevented 142:6
preventing 104:14, 151:5
previous 14:3, 16:19, 17:5
previously 45:19, 61:16, 63:10, 141:19, 142:2
primary 12:16, 22:4
print 12:15, 14:5
printed 12:22, 134:3, 134:11, 134:21, 135:7, 135:11, 136:2, 136:13, 136:17, 137:2, 137:9, 138:7, 139:1, 140:10, 140:22, 155:6, 155:16, 157:20
printout 18:14
prior 9:7, 9:10, 10:1, 59:13, 66:13, 83:20, 88:4, 96:12, 98:8, 99:9, 102:2, 129:1, 130:15, 131:16
proceeding 8:10, 20:3
proceedings 8:15, 10:8, 10:11, 19:3, 19:12, 20:18, 21:7, 146:9, 148:11, 156:15
process 10:18, 23:5, 59:16, 75:9, 93:13, 154:10, 155:4, 155:14, 155:19, 156:3, 156:4, 169:11
processes 155:4, 155:14
processing 59:3, 59:18, 59:22, 60:3, 60:5, 115:3, 156:11
produce 28:13, 69:21, 115:13
produces 52:17
product 155:17, 155:22
project 168:14
properties 33:2, 33:7, 132:5
propose 137:14
proposed 26:14, 42:4, 43:1, 73:20, 74:6, 82:11, 82:17, 83:6, 83:20, 86:2, 90:19, 93:7, 93:8, 93:13, 116:11, 117:3, 117:7, 119:11, 120:5, 132:7, 134:7, 136:8, 136:15, 137:12, 141:19, 142:7, 143:14, 148:4, 148:15, 151:14, 153:1, 153:19, 171:18
proposes 150:5, 151:5
proposing 138:10
protect 101:2, 104:8
protective 104:9
provide 19:15, 29:3, 29:8, 31:8, 37:12, 41:18, 54:12, 54:19, 55:20, 61:13, 62:15, 63:8, 73:16, 80:12, 88:7, 91:8, 95:22, 96:8, 96:22, 100:18, 102:18, 103:1, 121:1, 140:14, 149:14, 169:10, 170:3
provided 53:7, 75:20, 135:5
provides 36:11, 44:22, 54:11, 54:18, 55:1, 94:9, 95:15, 96:13, 97:12, 131:16
providing 26:3, 31:9, 37:14, 104:11, 135:20
provision 94:16, 94:22
psa 89:6, 89:7, 89:12, 89:14
publication 5:16, 5:18, 20:2, 20:10, 20:13, 20:22
pull 106:9
pulling 133:13
purposes 22:1, 55:20, 163:17
pursuant 2:2
put 12:18, 26:11, 82:9, 85:13, 86:9, 109:13, 171:18
putting 90:17, 141:2

Q

quality 94:4, 95:11
quarter 9:21
question 12:1, 12:6, 12:7, 43:18, 54:15, 59:11, 59:16, 108:22, 118:20, 158:12, 160:14, 164:12, 166:19, 167:7, 171:7, 171:12, 172:5
questions 10:20, 11:17, 11:21, 167:18, 167:21, 168:22, 171:22, 172:18, 175:8, 175:15
quick 158:10
quickly 17:15
quote 36:10, 36:11, 94:7, 95:12, 95:17, 127:22
quoting 93:22, 99:21

R

r1 130:1, 131:1,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
205 of 220

131:2, 131:7
raised
129:22, 131:1, 131:6, 132:11
range
142:20
rate
26:21, 27:19, 27:21, 28:9, 29:2, 29:9, 31:5, 35:3, 35:17, 35:18, 35:20, 36:2, 37:8, 38:2, 38:21, 39:17, 40:11, 41:21, 42:1, 42:8, 42:20, 42:21, 43:12, 169:22, 170:4, 170:5
ravi
6:9
ravindra
3:5
read
13:8, 13:9, 42:21, 47:13, 56:15, 57:8, 80:13, 103:10, 109:17, 122:2, 127:6, 127:14, 130:7, 148:5, 149:2, 158:18, 161:11, 168:18, 169:17, 171:2, 173:21, 176:3
read-on
6:2
reading
22:9, 33:3, 38:6, 40:8, 40:9, 57:17, 57:22, 61:18, 61:22, 62:2, 68:18, 74:14, 75:5, 75:11, 77:18, 79:7, 88:10, 90:5, 126:18, 126:21, 128:8, 145:5, 155:7, 155:8, 159:18, 160:16, 161:11, 172:14
reads
56:18, 56:19, 148:21, 169:8
real
3:17
really
172:19, 175:15
realm
33:21
reask
43:18, 59:10, 94:18, 160:13
reason
120:7
reasonable
121:15, 126:6, 141:15
reasonably
142:6
reasons
102:8, 134:18, 154:1
recall
9:2, 9:6, 9:9, 22:14, 24:17, 26:3, 40:15, 40:18, 46:12, 46:17, 159:15, 168:21, 169:5, 171:7, 171:11, 172:3, 174:8
receive
16:17, 151:9
received
17:3, 17:17
receives
61:5, 63:3
recent
8:17, 8:19, 9:4, 9:20
recently
80:13
recess
46:5, 71:3, 106:5, 113:4, 129:22, 130:8, 131:1, 131:7, 131:11, 132:2, 132:11, 133:8, 159:10, 167:16, 175:13
recites
87:8
recognition
65:18, 135:2, 143:3
recognize
65:11, 66:3, 66:19, 67:7, 97:4, 100:12, 101:13
recognized
65:13, 86:3, 93:12, 103:16, 121:6, 143:6
recognizing
158:6, 162:4
recollection
60:6
record
6:5, 7:7, 7:13, 22:1, 25:20, 46:4, 71:1, 72:6, 74:2, 106:3, 113:3, 133:7, 159:8, 177:9
rectangle
139:18, 140:2
rectangular
48:13, 50:20, 51:1, 53:9, 53:19, 146:5
red
139:18, 139:21, 140:2, 140:6
reduced
143:2
redundant
69:10
refamiliarized
44:19
refer
18:5, 18:8, 19:19, 20:8, 20:16, 20:20, 27:4, 37:4, 50:16, 78:3, 98:22, 99:3, 149:21, 163:18
reference
19:3, 19:4, 19:5, 19:11, 19:20, 20:5, 21:4, 21:5, 21:11, 21:12, 47:7, 61:2, 76:2, 76:7, 77:7, 77:10, 77:14, 77:17, 80:8, 81:17, 91:12, 93:11, 99:2, 106:10, 106:17, 106:19, 117:12, 128:21, 129:4, 131:19, 145:6, 146:9, 146:12, 146:22, 147:3, 147:6, 147:8, 149:19, 152:6, 156:14, 159:13, 161:8, 162:11
referenced
5:9, 76:14, 126:12
references
12:16, 22:5, 23:9, 26:2, 78:2, 96:4, 133:12, 134:17
referencing
21:12, 85:11, 110:16, 135:17
referred
19:3, 24:5, 27:1, 31:1, 60:21, 146:8
referring
18:21, 18:22,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
206 of 220

19:5, 19:20, 20:9, 20:21, 30:10, 34:9, 35:4, 53:4, 77:10, 78:19, 91:10, 124:2, 139:6
refers 76:8, 77:20, 107:20, 107:21
refresh 15:13, 60:6, 171:3
refreshed 174:2, 174:12
regard 46:16, 140:15, 153:15, 171:16
regarding 96:5, 115:10
region 89:6, 93:3, 157:5, 157:19, 158:3, 160:21, 161:16, 161:18, 162:1, 167:6, 167:9, 167:11
relate 25:1
related 150:21, 177:17
relates 115:10, 132:5
relationship 103:13
relevant 142:3
relied 20:6, 20:17, 21:6
rely 21:9, 151:1
remain 97:8
remember 8:21, 9:18, 22:10, 64:9
remote 1:16
remotely 2:2, 7:8
render 120:12, 129:1, 141:7
rendered 118:9, 118:22, 153:14
repeat 107:3, 118:20
report 94:6, 96:4
reported 1:22
reporter 2:4, 6:3, 7:10, 11:3, 11:4, 11:7, 11:12, 82:13, 97:16, 112:21, 145:3, 177:1, 177:3, 178:9
reports 73:16, 74:10
represent 6:5, 6:8, 24:2
represented 9:2, 9:19, 72:17, 177:11
representing 76:11, 78:7, 116:20, 116:21
reproduced 72:12
request 12:5
require 59:3, 59:15, 60:3, 68:19, 98:4, 115:2
required 129:2
requirement 110:19, 116:18
requires 65:14
requiring 141:20, 142:18, 143:7, 143:8
reside 131:10
resin 104:6
respect 97:9, 116:12, 116:14, 117:6
respond 11:6, 29:7
responding 109:20
response 28:15, 52:18, 61:8, 61:13, 63:6, 63:8
responses 24:6, 24:10, 24:18, 113:1
restate 59:10, 155:9
result 131:13, 132:19
resulting 138:3, 138:20, 142:17
retained 9:3
retainer 87:10
reverse 137:20, 151:12, 163:14, 163:19, 164:3
review 8:10, 8:15, 28:6, 41:3, 44:14, 47:14, 49:14, 49:22, 54:5, 83:20, 86:18, 107:1, 107:5, 107:9, 107:14, 122:2, 161:8, 173:16
reviewed 22:4, 23:8, 23:9, 23:12, 24:9, 24:13, 24:16, 25:13, 25:18, 25:21, 26:1, 83:6, 110:2, 110:3, 147:5
reviewing 22:9, 24:17, 50:2, 79:3, 81:21
richardson 3:16, 6:12
ridge 67:14, 68:14
ridges 45:9, 67:15, 68:15, 69:14, 69:20
right 14:21, 16:7, 17:10, 19:7, 128:1, 129:8, 129:21, 130:22
rmr 1:22, 2:3, 178:8
room 11:5
rotatable 62:14
rotate 61:7, 62:18, 63:5
rotational 100:8
roughly 8:3, 8:5, 8:8, 8:13, 9:17, 12:4, 14:21, 91:11
rounded 146:6
routed 137:3
row 16:4
rubber 102:3, 103:21, 129:21, 130:1,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
207 of 220

130:13, 130:17, 130:19, 130:22, 131:2, 131:4, 131:6, 131:8, 131:12, 131:15, 134:12, 134:22, 137:8, 138:4, 138:9, 138:21, 139:3, 140:7, 140:9, 140:12, 144:15, 144:21, 144:22, 145:7, 154:13, 155:18
rules
10:19
running
169:15
ryan
3:15, 6:12

S

said
41:22, 44:16, 49:16, 49:18, 59:13, 77:13, 94:1, 96:15, 97:20, 100:11, 110:3, 114:14, 127:20, 140:13, 152:7, 153:14, 158:22, 160:10
sake
11:11
same
11:12, 13:2, 16:14, 24:1, 30:15, 36:17, 39:14, 39:20, 40:20, 51:5, 51:12, 52:6, 70:17, 71:20, 84:3, 119:6, 120:15, 135:15, 136:18, 137:19, 141:1, 165:3, 176:4
sample
4:5
san
3:18
sandwich
89:13, 89:21
sandwiched
86:22, 87:4, 87:9, 87:17, 88:2, 88:3, 88:8, 88:15, 88:22, 90:6, 116:21, 134:12, 134:22, 137:7, 138:8, 139:1
sandwiching
89:17
sap
98:9
sat
171:20
satisfy
110:18, 116:18
say
8:1, 8:16, 9:21, 22:9, 42:8, 43:4, 74:5, 77:2, 87:22, 95:18, 115:19, 122:21, 124:10, 130:6, 132:1, 132:10, 135:19, 137:21, 147:17, 152:18, 173:18
saying
77:15, 84:16, 113:19
says
31:21, 57:8, 73:7, 108:6, 129:21
scanning
143:9
schematic
85:2
scope
30:5, 33:15, 40:1, 108:17, 109:8, 114:11, 115:4, 116:3, 118:17, 120:17, 147:21, 148:20, 160:7, 161:3
screen
16:4, 122:17, 127:8
screws
94:8, 95:14, 99:22, 100:6, 100:14, 100:17, 102:13, 102:20
scrolling
17:15
seal
86:22, 87:1, 87:9, 87:11, 87:17, 87:18, 89:6, 89:11, 89:15, 91:1, 92:13, 92:17, 92:19, 93:3, 94:2, 94:5, 94:10, 94:16, 95:1, 95:9, 95:12, 95:15, 96:1, 96:8, 96:22, 97:2, 97:3, 97:13, 97:21, 98:12, 98:21, 99:3, 100:19, 100:21, 101:7, 101:9, 102:3, 102:18, 103:1, 104:1, 116:22, 129:2, 129:22, 130:1, 130:8, 130:13, 130:17, 130:19, 130:22, 131:2, 131:4, 131:6, 131:8, 131:12, 131:15, 131:19, 131:20, 131:22, 132:2, 132:8, 132:22, 140:7, 150:6, 150:14, 150:18, 151:5, 154:11
sealants
104:12, 104:21, 105:5
sealed
150:14, 154:13, 155:18
sealing
86:22, 87:10, 96:10, 96:13, 96:19, 97:5, 98:1, 98:2, 99:8, 101:18, 101:21, 102:7, 103:6, 103:11, 103:20, 104:10, 104:14, 104:19, 116:22, 161:15, 163:5, 163:16, 163:20, 163:22, 164:5, 164:22, 165:10, 165:19, 166:10, 167:4
seals
89:5, 98:4, 100:22, 104:17, 104:18, 105:14, 105:15
search
131:18
searching
38:15
second
25:8, 25:18, 31:21, 51:9, 54:14, 80:5, 80:15, 81:7, 83:2, 88:7, 99:20, 105:8, 123:5, 140:5, 169:7, 169:17
second-to-last
16:5
section
14:3, 17:5, 26:6, 40:17, 40:20, 44:20, 47:14, 49:15,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
208 of 220

49:22, 51:21, 61:22, 119:6, 128:21, 128:22, 141:13, 141:14, 163:14, 163:22, 168:22
sections
107:5
see
8:20, 13:16, 14:4, 14:8, 14:21, 15:1, 15:5, 15:16, 16:3, 16:8, 16:9, 17:7, 17:19, 29:22, 31:20, 32:3, 36:6, 36:7, 40:22, 42:10, 42:11, 52:9, 56:8, 57:9, 60:18, 71:22, 72:20, 73:3, 73:10, 75:18, 75:21, 78:10, 79:13, 79:14, 79:17, 81:10, 81:12, 84:12, 87:2, 87:4, 87:12, 87:20, 90:14, 91:3, 91:5, 94:12, 100:3, 103:7, 105:6, 105:11, 107:16, 107:22, 108:10, 111:4, 111:9, 111:14, 111:21, 112:7, 112:13, 118:2, 122:11, 122:19, 125:1, 130:3, 130:8, 134:14, 138:5, 139:18, 143:19, 144:2, 144:3, 144:6, 147:15, 152:16, 154:15, 157:9, 163:9, 169:7, 173:7
seem
15:10
seemed
84:6, 172:1
seems
166:7
seen
135:4, 147:6
select
96:10
selected
95:19
send
56:3, 169:14, 170:4
sending
169:20
sense
30:16, 31:6, 37:11, 55:16, 115:3
sensed
31:3, 37:6, 38:19
senses
27:15, 36:8, 41:16
sensing
45:7, 53:6, 53:8, 53:10, 53:12, 53:13, 53:14, 55:16, 67:13, 68:11, 69:16, 114:19, 126:8
sensitive
101:3
sensors
32:11, 32:13, 32:14, 32:15, 33:5, 33:6, 33:20, 35:12, 46:20, 67:10, 112:16, 113:11, 113:17, 113:21, 114:7, 114:10, 114:15, 114:22, 115:1, 115:2, 115:11, 115:22, 118:1, 120:3, 120:21, 121:8, 121:10, 123:2, 123:3, 123:11, 124:5, 125:5, 128:11, 153:16
sentence
31:21, 37:10, 42:7, 42:11, 42:15, 42:17, 42:18, 54:11, 54:18, 56:14, 57:7, 57:13, 69:10, 93:21, 99:20, 105:5, 105:8, 122:9, 129:19, 130:7, 130:15, 130:21, 150:2, 151:8, 154:8, 169:8, 169:17
sentences
150:3
served
17:21
service
55:3
set
16:1, 39:14, 39:20, 69:7, 172:17, 177:6, 178:1
sets
125:5
several
30:18, 55:20, 92:9, 92:10, 101:13, 103:16
shakes
11:6
shape
48:6, 48:12, 48:17, 50:8, 50:20, 51:1, 52:20, 53:9, 53:19, 63:20, 64:5, 64:8, 64:12, 64:14, 65:3, 131:9, 146:3
shaped
65:9
sheet
176:7
short
50:18
shorthand
2:3, 177:1, 178:9
should
17:3, 28:8, 29:13, 118:1, 125:17, 127:6, 127:14, 127:21, 175:4
show
152:13, 153:6
showing
85:11, 125:20, 144:7, 147:18, 152:19
shown
50:22, 58:18, 61:3, 63:1, 63:19, 64:9, 64:13, 66:16, 84:19, 102:4, 130:18, 131:13, 136:20, 140:2, 140:16, 141:8, 145:2, 145:9, 145:10, 146:19, 147:19, 149:7, 153:16, 162:22, 163:1, 164:6, 166:15
shows
38:16, 151:22, 152:1, 152:2
sic
37:20, 75:17
side
76:9, 77:11, 78:3, 78:18,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
209 of 220

78:19, 78:20
sides
129:21, 130:22
sidewall
50:22, 73:2, 73:9, 73:12, 73:17, 74:11, 74:19, 75:8, 76:19, 76:21, 77:5, 77:6, 77:15, 78:10, 78:11, 79:3, 79:5, 79:8, 108:14, 109:5, 110:8, 110:17, 110:20, 143:12
sidewalls
124:16
signal
28:13, 52:18, 55:1, 115:13, 120:15, 145:12, 145:13, 149:14, 158:4, 162:3
signature
13:16, 13:18, 14:21, 15:3, 176:10
signature-p1kal
178:6
signed
176:7
significant
143:11
silicon
89:20, 89:21, 90:1, 101:9, 103:21, 134:12, 134:22, 137:8, 138:4, 138:9, 138:21, 139:3, 140:9, 140:12, 144:15, 144:21, 144:22, 145:7, 150:5, 150:17, 154:13, 155:18
silicon-not-attached
154:10, 155:5, 155:15, 155:20, 156:2
silicone
104:7
similar
10:8, 68:8, 73:7, 80:16, 81:15, 96:6, 145:22
similarities
115:15
similarly
166:12
since
15:22
single
23:19, 65:10, 66:2, 66:14, 66:18, 67:6, 67:22, 121:12, 123:6, 156:9, 156:10
single-touch
65:5
sir
128:20, 129:14, 146:14, 152:8, 154:6
sit
17:10, 33:10, 39:18, 57:11, 85:14, 97:11, 119:15
site
12:19, 15:9
sits
130:1, 131:2, 163:14
sitting
126:5
situation
98:8, 117:21
size
70:15, 70:16, 70:17, 70:18
skill
33:3, 40:8, 79:2, 81:20, 81:22, 91:20, 94:2, 95:9, 114:9, 115:20, 118:12, 119:3, 119:16, 159:18, 159:19, 160:16, 160:17
skilled
100:12
skip
122:8
skipping
62:22
slice
50:19, 50:21, 51:2, 51:12, 52:7, 53:16, 53:17, 53:18, 53:20, 64:20
slices
50:16, 52:4
small
66:14, 97:7, 143:12, 163:11
smaller
70:8, 70:17, 165:8
smallest
165:9
snack
105:21
snap
94:8, 95:14, 100:1, 100:6, 100:17, 102:20
snaps
100:14
soldering
157:7, 157:21, 159:20, 160:19, 161:20
solid
98:19
some
22:12, 46:9, 46:16, 62:19, 63:13, 64:7, 64:21, 93:11, 115:14, 115:15, 120:3, 123:3, 137:12, 143:13, 145:22, 146:5, 155:8, 168:22, 171:21, 172:11, 173:16
something
44:7, 96:20, 137:11, 161:10
sometimes
13:7, 13:8
sorry
14:8, 15:7, 15:20, 26:7, 43:18, 44:16, 44:18, 53:10, 54:7, 54:14, 59:10, 61:17, 71:13, 71:15, 77:1, 94:18, 102:10, 106:16, 107:3, 107:8, 109:14, 112:3, 118:20, 124:2, 129:9, 139:5, 146:13, 151:3, 165:8, 166:19, 171:14
sort
89:16, 89:17, 129:1, 132:5, 159:1
sounds
9:22, 10:17, 106:1
south
3:7
specific
117:21, 121:9
specifically
26:15, 32:22, 33:8, 34:16, 44:7, 57:16, 58:21, 67:11, 85:9, 118:5, 126:4, 126:22, 127:19, 143:22,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
210 of 220

173:13, 174:5
specification
29:18, 36:7, 36:14, 81:4, 169:1
specifications
74:15, 91:18
specifics
115:10
speculates
95:8
speculation
30:6, 39:22, 50:11, 53:1, 70:9, 97:17, 108:17, 109:8, 132:13, 160:6, 161:2, 166:2, 166:16
speeding
113:1
spend
7:3, 22:7
spoke
64:7
spoken
46:8
stack
89:21, 122:1, 147:14, 147:19, 148:18, 149:4, 149:5, 152:12, 152:14, 153:5, 153:7, 153:9, 153:12
stacking
89:16, 143:14
standard
71:20
start
11:15, 11:17, 44:12, 47:1, 48:20, 49:13, 49:21, 106:20, 113:14, 133:20
started
7:5, 40:14, 47:9, 113:12
starting
16:8, 26:9, 31:20, 44:15, 44:21, 47:8, 50:3, 51:6, 52:12, 54:4, 54:10, 54:17, 54:21, 55:18, 56:5, 56:15, 57:13, 57:22, 61:3, 72:19, 72:22, 79:13, 79:16, 86:20, 87:15, 89:3, 111:3, 111:8, 111:15, 117:6, 121:22, 122:8, 127:2, 138:17, 141:14, 141:18, 147:11, 150:4, 157:2, 173:4, 173:17
starts
26:7, 31:21, 44:13, 47:12, 49:11, 49:17, 68:18, 72:18, 86:14, 86:16, 90:21, 107:11, 111:3, 111:19, 111:20, 121:22, 122:9, 125:3, 128:22, 147:8, 162:13, 174:5
state
7:12, 27:9, 51:10, 51:22, 52:1, 66:4, 71:16, 134:9, 149:6, 154:9, 172:8, 177:4
stated
149:16
statements
28:6, 95:18, 109:21
states
1:1, 73:1, 86:21, 87:16, 90:22, 122:13, 124:21, 147:12, 152:10, 157:3
stating
130:7
stenographic
72:6, 74:2, 113:3
step
26:22, 47:5, 71:9
steps
59:4, 59:7, 59:16, 59:18, 59:22, 60:4, 60:5
stick
72:2
sticking
13:13
still
79:9, 127:21
stoppage
170:7
stopping
105:20
stops
14:6
street
3:7
strike
21:10, 41:9, 60:17, 76:17, 84:17, 107:20, 112:3, 135:21, 139:16, 139:22, 156:12
structure
131:9, 131:13, 153:9, 155:1, 155:11, 157:7, 157:8, 157:22, 159:2, 159:20, 159:21, 160:19, 161:20, 161:21, 164:7
structures
117:21, 121:3, 132:19, 150:12, 151:11, 162:19
studying
62:1
submitted
14:12, 17:13
subsequent
121:14
substance
23:2
success
119:14, 121:17, 141:16, 142:7
successful
120:8
sufficient
65:4, 65:17, 66:11, 67:19
sufficiently
28:2, 42:5, 65:16
suggesting
58:2
suggestion
121:1
suggests
56:16
suite
3:7, 3:17
superset
39:13, 39:20
support
104:11, 134:13, 135:1, 136:21, 137:5, 137:8, 138:1, 138:2, 138:3, 138:8, 138:16, 138:17, 138:19, 138:20, 139:2
sure
11:5, 11:14, 15:14, 16:14, 23:6, 34:2, 46:1, 51:4, 70:22, 77:12, 80:1, 106:1, 118:22, 127:12,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
211 of 220

127:17, 130:5, 133:5, 158:13
surface
28:15, 62:15, 62:16, 69:19, 70:7, 75:21, 76:2, 76:4, 76:7, 76:10, 76:15, 76:22, 77:7, 77:10, 77:14, 77:16, 77:20, 77:21, 78:2, 78:5, 78:6, 78:12, 78:18, 78:20, 79:4, 79:8, 79:18, 80:13, 81:17, 81:22, 82:1, 82:2, 82:21, 82:22, 83:1, 83:4, 83:7, 83:9, 83:11, 84:16, 84:19, 84:20, 85:5, 85:6, 85:10, 85:15, 85:16, 86:6, 86:7, 87:1, 87:10, 87:11, 87:19, 89:8, 98:1, 110:21, 111:6, 116:22, 117:20, 118:2, 121:3, 141:22, 142:1, 142:13, 142:16, 143:1, 163:13, 163:18, 164:3
surface"
81:18
surfaces
65:9, 76:2, 76:8, 76:14, 77:20, 78:3, 86:5, 103:22, 142:18
surrounding
152:12, 153:5
swear
6:3
sweat
150:6
swiping
65:15
switch
61:12, 63:7, 63:8, 138:3, 138:20, 145:2, 145:9, 145:20
switched
172:10
switching
79:20, 80:2
sworn
6:16, 6:19, 177:6
symmetric
64:18, 64:21
symmetry
64:19, 64:20
system
55:15

T

tachycardia
170:8
tactile
61:13, 63:8
take
7:7, 12:4, 12:8, 26:22, 47:5, 60:8, 62:3, 131:9, 133:4, 158:14, 159:7, 167:13, 170:18, 173:16, 175:11
taken
7:19, 7:22, 51:21, 152:11, 153:4, 177:8
taking
137:19
talk
11:12, 17:22, 25:1, 54:1, 105:4, 105:8, 143:15, 144:1, 165:14
talked
24:21, 32:10, 46:20, 133:10, 153:13
talking
11:15, 18:6, 18:9, 40:14, 40:15, 47:3, 52:7, 60:16, 67:22, 71:6, 76:20, 93:11, 102:22, 113:18, 126:14, 129:3, 147:8, 159:13, 160:11, 165:13, 166:20
talks
56:6, 99:22, 131:20
teaches
112:15, 113:9, 113:16, 142:12
teachings
136:4, 138:13, 142:7, 172:2, 172:3, 172:6
teal
163:4, 163:11, 163:14
technician
4:5, 6:2
technique
33:22, 96:10, 96:19, 104:9, 126:8, 131:21, 157:22, 158:22
techniques
34:4, 34:17, 34:19, 34:20, 35:21, 101:1, 101:13, 103:16, 158:1, 159:3
technological
72:5, 74:1
tell
39:19, 48:5, 63:20
ten
8:1, 8:3, 8:5, 8:8, 8:13, 9:18, 46:3
ten-minute
133:4
tendency
99:10
term
29:4, 39:7, 39:10, 42:14, 73:12, 73:17, 77:15, 78:10, 79:3, 80:12, 81:21, 83:19, 87:4, 88:1, 88:8, 88:22, 90:5, 91:5, 91:9, 91:16, 99:2, 125:19, 158:19
terms
26:5, 36:4, 36:15, 71:18, 73:19, 74:5, 74:13, 80:20, 82:18
testified
6:19
testimony
66:7, 116:3, 176:4, 176:6, 177:9
text
47:17, 50:3, 61:2, 90:7, 162:12
tfa
157:7, 161:20
th
13:20, 178:2
thank
7:4, 7:17, 13:10, 15:19, 52:3, 54:16, 63:16, 167:17, 175:10, 175:14,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
212 of 220

175:17
themselves
6:5
thereby
145:1, 145:8
thicker
164:16, 164:17
thickness
76:11, 78:7, 164:14, 165:7, 165:13
thin
157:6, 157:11, 157:20, 158:19, 158:20, 159:2, 159:20, 160:18, 161:19
thing
24:1, 36:17
things
26:20, 29:11, 34:4, 44:4, 57:21, 99:11, 99:12, 109:20, 162:7
think
8:7, 27:1, 34:15, 43:3, 47:2, 47:10, 70:20, 75:11, 78:17, 79:6, 85:22, 93:17, 102:5, 105:19, 112:22, 119:21, 124:18, 126:12, 132:17, 133:2, 147:4, 159:6
third
129:19, 169:17
thomas
3:4, 6:9
thought
85:12
three
152:3
threshold
170:6
through
8:14, 17:15, 25:6, 25:9, 25:14, 25:15, 25:21, 32:18, 35:5, 38:6, 40:22, 41:3, 41:8, 41:10, 46:15, 47:17, 50:16, 51:1, 53:19, 54:2, 58:19, 59:9, 59:20, 60:7, 71:7, 73:6, 73:7, 80:17, 88:6, 91:11, 102:4, 106:22, 107:7, 107:9, 107:13, 113:18, 114:8, 116:1, 117:13, 117:16, 118:10, 118:16, 119:1, 119:7, 119:20, 120:10, 122:4, 122:8, 122:22, 123:12, 124:3, 124:20, 126:13, 127:13, 127:18, 128:9, 130:18, 136:11, 138:14, 148:5, 152:11, 152:14, 153:5, 153:7, 153:21, 154:13, 155:18, 156:22, 158:19, 159:14, 159:22, 160:22, 161:14, 168:18, 168:20, 170:19, 170:20, 173:19
throughout
66:21
thursday
1:17, 177:15
tie
46:19
time
11:12, 29:15, 45:21, 64:7, 70:21, 71:19, 74:20, 80:19, 88:15, 91:21, 96:9, 105:21, 132:1, 132:10, 133:4, 142:3, 159:7, 167:18, 167:19, 173:16, 175:16
times
7:21, 24:21
titled
14:3
today
6:8, 7:4, 10:20, 11:3, 12:14, 14:17, 18:1, 20:8, 20:20, 21:16, 25:1, 33:10, 39:18, 57:11, 85:14, 97:11, 119:15, 126:6, 167:18, 169:1, 175:16
today's
22:2, 22:8
together
7:4, 46:19, 89:16, 90:17, 101:22, 103:11, 104:14, 123:4
told
52:7
took
103:4, 137:13
top
41:8, 52:6, 84:9, 150:4, 151:4, 157:17, 161:11, 163:13, 163:18, 164:2, 166:6, 166:12, 167:2, 167:7
touch
28:15, 28:19, 30:12, 31:7, 31:12, 52:18, 65:11, 66:2, 66:18, 67:6, 122:17, 127:7, 127:8, 149:10, 149:12
touching
69:18
trademark
1:1
transaction
56:2, 169:12, 169:14
transcribe
11:7
transcription
176:5
transfer
145:9, 158:4, 162:3
transferred
145:13, 158:5, 162:4
translate
61:8
translated
123:9
translation
61:13, 63:9
trial
1:3, 8:10, 29:13, 71:17
tried
165:6
triggered
169:21
trim
101:10, 149:8, 150:18
true
176:4, 177:8
trust
152:21
truthfully
10:21
try
11:12, 15:13, 51:4, 137:14, 164:12, 168:12, 168:14

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
213 of 220

trying
78:9, 113:6, 124:4
tryon
3:7
turn
41:2, 44:10, 49:6, 71:10, 75:15, 80:4, 81:6, 84:2, 86:11, 93:16, 99:15, 106:15, 111:2, 121:20, 128:15, 133:20, 146:7, 146:21, 154:3, 156:13, 156:22, 168:3, 168:17, 170:14, 172:18, 173:12, 174:3
turning
14:20, 27:8, 29:19, 36:3, 43:5, 60:14, 63:17, 70:5, 90:10, 110:6, 146:2, 151:15
two
15:10, 17:22, 22:17, 22:22, 36:4, 123:1, 123:3, 125:5, 155:4, 155:14, 173:5
two-step
156:3
type
23:19, 54:22, 57:20, 121:9
types
32:1, 32:6, 32:14, 32:15, 112:16, 113:10, 113:17, 115:2, 115:21
typo
127:1, 127:13, 127:20

U

uh-huhs
11:6
ultimately
35:16
ultrasonic
32:2, 32:6, 32:9, 32:12, 33:5, 34:20, 35:4, 35:7, 55:12, 104:18, 105:16, 112:11, 114:5, 114:17, 115:1, 115:12, 118:14, 119:5, 119:19, 120:14, 128:14
ultrasonically
100:8
ultrasound
35:22, 114:19, 116:8
unable
65:10, 66:1
under
10:20, 14:9, 111:20, 112:1, 112:4, 112:18, 113:13, 113:22, 114:18, 123:20, 138:4, 138:21
underneath
124:7, 128:7
underpressed
51:22
understand
11:1, 11:20, 12:22, 18:5, 18:8, 18:11, 18:16, 18:20, 19:20, 20:9, 20:21, 21:9, 21:11, 21:15, 26:18, 28:7, 28:17, 29:9, 33:4, 40:9, 42:13, 54:15, 59:2, 59:5, 59:14, 60:16, 60:20, 62:2, 71:17, 74:15, 77:12, 78:9, 82:18, 84:15, 90:7, 94:2, 95:9, 104:22, 105:13, 126:16, 130:5, 139:22, 145:22, 148:9, 154:18, 162:6, 174:18, 175:3
understanding
17:20, 19:18, 34:8, 51:7, 61:20, 103:13, 124:15, 158:20, 165:12, 172:13, 174:15
understands
75:12, 114:9
understood
9:16, 11:10, 11:22, 28:8, 58:1, 84:16, 93:14, 95:22, 101:5, 105:3, 130:12, 130:19, 132:22, 135:13, 136:16, 139:10, 140:21, 171:8
unintelligible
145:2
united
1:1
university
16:22, 17:6
unlike
94:7, 95:13
unlikely
120:8
unlock
56:1, 169:13
unnecessary
135:8
until
11:16
upper
89:7
usable
58:3
use
13:1, 34:13, 36:4, 38:7, 42:13, 60:1, 76:1, 76:16, 76:20, 78:12, 84:19, 88:1, 88:3, 88:11, 96:5, 96:19, 98:8, 100:13, 101:16, 101:17, 101:19, 103:12, 103:18, 112:15, 113:10, 113:16, 135:7, 158:9, 158:19
user
31:9, 52:18, 54:13, 54:20, 55:2, 55:7, 55:21, 55:22, 61:6, 63:3, 69:18, 144:13, 144:17, 144:19, 145:19, 149:9, 149:10, 149:12, 169:10
user's
45:9
uses
60:3, 77:19
using
39:1, 103:21, 125:19, 131:21, 135:11, 136:1, 136:12, 137:2, 149:12, 167:1

V

vague
33:14, 62:5, 64:15, 123:14, 157:13, 164:8
variance
33:8

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
214 of 220

variants
132:6
variety
113:20, 115:12
various
23:9, 33:6, 33:7, 101:1, 132:19, 142:10, 155:2, 155:12
vary
31:3, 37:7, 38:1, 38:20
veins
27:19, 31:4, 37:8, 38:21, 41:20, 42:20, 43:11
verbally
11:6
version
17:2, 156:18
versions
17:13, 133:16
versus
44:8
vertical
164:15, 165:13
via
177:14
vice-versa
172:7
video
7:8, 11:13
view
29:12, 48:16, 51:8, 84:9, 135:20, 136:8, 136:9, 147:13, 148:17, 149:3, 149:5, 172:10, 172:11
viewing
164:19, 164:20
views
152:11, 152:19, 153:4
virtual
108:8, 111:13, 111:17, 123:19, 128:5
virtually
177:14
voice
168:14
volume
56:12, 73:2, 73:8, 75:7, 75:10, 79:17

W

wait
11:16, 113:13
want
15:13, 44:12, 47:11, 47:13, 80:9, 106:12, 107:13, 122:2, 173:18
wanted
7:6, 44:16, 49:21, 80:1
watch
56:13, 57:5, 57:19, 58:14, 60:8, 60:13, 60:21, 61:6, 61:11, 61:14, 61:21, 62:3, 62:14, 62:15, 62:17, 63:4, 63:6, 63:9, 63:12, 63:13, 63:18, 63:20, 64:3
water
98:3, 98:12, 98:19, 101:2, 104:10, 104:14, 150:7, 151:6
water-resistance
101:14, 103:17
water-resistant
100:22
water-tight
104:1, 104:17, 105:14
waterloo
16:22, 17:6
waterproof
101:21, 104:12, 104:21, 105:4, 155:1, 155:11
waterproofing
94:11, 95:16, 96:2, 150:12, 151:10, 155:2, 155:12, 155:21
way
43:3, 120:3, 132:18, 136:14, 137:15, 177:20
ways
10:10, 33:19, 35:12, 114:19, 157:17, 162:8
we'll
12:4, 12:18, 12:20, 13:11, 106:12, 158:14
we're
13:2, 15:22, 16:14, 17:22, 19:15, 24:22, 51:5, 65:21, 127:17, 129:6, 133:2, 158:8, 160:10, 165:12, 170:19, 171:3
we've
24:21, 45:20, 70:20, 71:6, 128:18
wedge
100:9
welcome
13:1, 46:7, 106:7
welded
100:8
welding
104:18, 105:16
went
22:21, 170:5
whatever
44:15, 126:8
whenever
158:8
whereas
125:8
wherein
87:16, 91:1, 97:21
whereof
178:1
whereupon
6:16, 46:5, 71:3, 106:5, 113:2, 113:4, 133:8, 159:10, 167:16, 175:13, 175:18
whether
9:9, 31:12, 33:1, 33:11, 34:11, 35:7, 37:17, 39:12, 39:19, 85:5, 97:1, 118:11, 119:3, 119:16, 120:12, 126:9, 153:15
widely
31:4, 37:7, 38:1, 38:20
width
76:5, 76:11, 77:21, 77:22, 78:7, 165:1, 165:14, 165:17, 165:20, 165:22, 167:5
within
67:11, 67:12, 89:5, 110:20, 152:15, 153:8, 153:9, 153:12
without
55:11, 131:11
witness
5:2, 6:3, 6:14, 6:16, 6:18, 10:10, 15:16, 23:6, 23:7,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
215 of 220

30:9, 33:17, 37:1, 38:14, 40:4, 46:1, 48:11, 50:14, 51:17, 53:3, 57:1, 58:9, 62:8, 64:2, 64:17, 66:9, 68:5, 69:3, 70:13, 70:22, 75:3, 78:16, 81:2, 82:6, 82:14, 83:16, 85:21, 88:20, 92:5, 95:6, 97:19, 98:16, 106:1, 108:21, 109:11, 110:13, 114:13, 115:7, 116:5, 118:19, 120:19, 123:17, 126:3, 129:11, 132:16, 133:5, 141:12, 145:4, 148:1, 149:1, 151:21, 157:15, 158:8, 158:13, 158:16, 159:9, 160:3, 160:9, 161:5, 164:11, 165:5, 166:5, 166:18, 167:15, 167:19, 168:10, 168:15, 170:11, 174:21, 175:10, 175:17, 177:5, 177:9, 178:1

word
23:19, 88:3, 145:18

work
7:14, 22:21, 154:1

worked
10:2, 10:5, 10:9

wouldn't
82:15, 137:14, 143:13

write
23:16, 23:21

written
43:4, 152:22, 153:3

wrote
77:18

Y

yeah
14:1, 25:17, 46:1, 52:10, 52:14, 71:14, 72:21, 106:1, 114:14, 120:3, 126:21, 156:10, 171:15

yep
57:10, 99:19, 129:17, 144:9

yohler
1:22, 2:3, 177:3, 178:8

yourself
168:18

Z

zoom
177:15

.

.1000
3:9

.5070
3:19

0

000948
16:2

0071509
5:19, 20:14, 20:22

00948
1:11, 5:11, 13:4, 13:13, 16:17, 18:1, 18:6, 23:11, 25:5, 26:8

00949
1:12, 5:13, 14:14, 16:9, 17:3, 18:1, 18:9

01
1:18, 177:16

0100499
5:17, 20:2, 20:10

1

1
47:19, 61:4, 97:21

1-3-0
149:19

10
22:9, 25:6, 25:16, 25:17, 54:3, 54:7, 54:10, 54:17, 54:21, 56:5, 56:9, 56:15, 57:13, 57:22, 58:5, 58:19, 59:8, 59:19, 60:7, 60:17, 62:1, 62:2, 69:5, 109:16, 110:3, 110:6, 110:16, 110:18, 117:2, 117:22, 119:12, 120:6, 121:3, 121:7, 122:5, 125:4, 125:10, 125:14, 127:11, 128:3, 140:5, 152:14, 153:7, 158:19, 162:10, 162:11, 162:14, 162:18, 163:1, 163:8, 164:20, 166:6, 166:13, 166:15, 173:6, 174:10, 174:16, 175:5

10,133,910
21:3, 21:13

10,620,828
19:8, 19:21

10,866,619
1:13, 18:12, 18:17, 18:22

100
61:4, 142:16, 144:1, 144:11, 144:19, 145:5, 145:16, 145:18

1001
5:14, 18:18, 18:21, 40:21, 168:4

1004
5:15, 19:6, 19:8, 19:11, 19:21, 106:10, 106:16, 117:12, 118:3, 118:10, 119:1, 173:10

1005
5:16, 20:3, 20:5, 20:9, 84:11, 133:11, 133:16, 144:5, 154:19

1007
5:18, 20:13, 20:16, 20:21, 133:12, 133:17, 146:7, 146:12, 146:17, 150:9, 151:15

1015
5:20, 21:3, 21:5, 21:13, 156:14, 156:19

102
60:18, 60:20, 61:1, 61:5, 61:6, 61:21, 62:3, 62:14, 62:17, 63:3, 63:4, 63:12, 63:18, 63:20, 64:4

1025
150:5, 150:16,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
216 of 220

150:17, 150:20, 151:1, 151:5, 151:16, 151:22
107
147:7, 147:9, 147:12, 148:16, 149:2, 149:16
11
1:17, 25:9, 25:17, 79:13, 79:15, 79:21, 80:12, 80:17, 81:21, 82:12, 82:21, 85:7, 85:16, 87:6, 87:8, 88:1, 152:13, 153:6, 177:15
110
47:18, 47:20, 47:22, 48:6, 48:17, 48:21, 62:11, 62:20, 64:8, 64:13, 65:22, 66:1, 66:16, 67:4, 67:5, 70:6, 70:7
112
47:22, 48:3, 48:22
1120
3:7
114
17:4, 17:8
116
135:4, 135:15, 141:2
119
14:1, 16:18, 16:19, 16:21
12
22:9, 23:10, 24:13, 107:13, 151:17, 152:1, 152:10, 152:18, 153:4, 162:13
120
48:3, 48:14
122
134:13, 136:22, 137:5, 137:8, 138:2, 138:3, 138:9, 138:17, 138:19, 138:21, 139:19, 154:21
127
152:5, 152:7, 152:8, 153:3
12860
3:17
13
5:11, 75:17, 84:21, 85:1, 86:17, 86:20, 151:17, 152:2, 152:10, 152:18, 153:4, 156:21, 157:2, 157:17, 158:18, 159:13, 159:22, 160:21
130
149:18, 149:21, 150:15, 151:16
131
128:22
132
7:15
133
93:18, 93:22, 94:17, 95:1, 95:7
134
99:15, 102:11
135
100:15, 102:19
136
101:12, 103:10, 105:2
137
101:17, 103:4, 103:9, 103:10, 104:19
138
101:19, 104:4, 104:20
139
101:21, 104:12, 104:21, 105:4
14
5:13, 40:22, 41:3, 41:8, 41:10, 49:13, 49:21, 72:12, 80:4, 80:6, 80:7, 111:3, 126:13, 152:2, 153:10, 168:18, 168:20
140
102:1, 128:16, 128:19, 129:4, 129:12, 129:14, 129:20, 130:14
143
93:10, 154:4, 154:5, 154:6, 154:8, 154:18
15
31:19, 32:17, 35:5, 54:4, 54:7, 54:10, 54:17, 55:18, 67:9, 67:21, 68:17, 69:5, 92:21, 111:8, 111:15
150
14:9
151
14:9
16
5:17, 20:2, 25:17, 51:19, 73:5, 73:13, 74:12, 74:20, 78:11, 79:3, 87:6, 87:15, 88:1, 108:15, 109:6, 110:9
168
5:5
17
89:3, 93:2, 106:21, 107:6, 107:9, 107:12, 107:19, 109:14, 126:13, 161:12
178
1:21
18
5:14, 109:16, 111:3, 111:5, 116:14, 116:17, 117:3, 119:12, 120:6, 121:22, 122:4, 122:7, 123:9, 123:11, 124:17, 178:2
19
5:15, 52:10, 52:12, 106:22, 107:7, 107:9, 107:12, 111:2, 111:19, 113:18, 114:8, 115:22, 117:13, 117:15, 118:10, 118:15, 119:1, 119:7, 119:20, 120:10

2

20
5:17, 5:19, 13:20, 15:5, 25:9, 25:14, 25:21, 26:7, 56:6, 56:9, 56:15, 57:14, 58:1, 58:19, 59:8, 59:19, 60:7, 60:17, 62:1, 62:2, 73:6, 80:17, 127:2
2006
65:20
2009
5:10, 5:12, 13:3, 13:4, 13:14, 14:13, 16:17, 17:1, 17:2, 17:10, 17:11, 25:8,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
217 of 220

26:8, 27:2,
133:22, 170:16,
172:20
2015
5:19, 20:14,
20:22
2016
20:10
2023
1:11, 1:12,
5:11, 5:13,
13:4, 14:14,
16:2, 16:9,
16:17, 17:3,
18:1, 18:6, 18:9
2024
1:17, 13:20,
15:5, 177:15,
178:2
209
94:5
21
5:20, 173:13,
173:18, 174:13
22
53:4, 121:21,
122:3, 122:7,
122:22, 123:11,
124:3, 124:19,
126:13, 127:1,
127:2, 127:13,
127:18, 128:9,
173:13, 173:19,
174:13
23
58:19, 59:9,
59:20, 60:7,
73:6, 89:19
230
50:4, 50:8
24
13:20, 13:22,
15:5, 22:12,
122:4, 122:8,
122:9, 122:12,
122:22, 123:12,
124:3, 124:20,
127:3, 127:13,
127:18, 128:9
240
118:1, 121:8,
122:14, 122:16,
124:9, 124:14,
124:19, 124:21,
125:5, 125:6,
125:8, 125:12,
125:15, 125:16,
126:15, 127:4,
127:6, 127:14,
127:15, 127:21,
128:7, 128:10
241
121:11, 121:12
25
26:9, 71:9,
71:16, 72:2,
72:9, 73:7,
88:5, 91:11,
115:22, 127:19
26
61:3, 63:1,
72:18, 86:15,
111:19, 113:18,
114:8, 117:13,
117:15, 118:10,
118:15, 119:1,
119:7, 119:20,
120:10, 127:14
262
92:17
27
26:15, 40:21,
41:6, 46:15,
54:2, 71:7,
79:12, 79:16,
86:16, 86:20,
90:12, 90:21,
124:3, 124:20,
127:13, 127:18,
128:9, 162:13,
173:18
28
26:15, 27:14,
36:4, 40:16,
41:14, 41:22,
42:7, 42:16,
43:7, 43:9,
73:6, 87:7,
87:14, 89:3,
122:22
28203
3:8
29
26:15, 28:5,
110:15
2a
49:7, 49:11,
49:13, 49:20,
50:2, 50:7,
50:15, 51:8,
51:12, 51:20
2b
49:7, 49:13,
49:20, 50:16,
50:22, 51:7,
51:13

3

3
175:19, 177:16
30
26:15, 26:16,
27:8, 27:13,
28:11, 29:19,
32:18, 33:13,
34:14, 35:9,
35:13, 43:5,
46:15, 54:2,
71:7, 88:6,
91:11, 113:18,
114:8, 116:1,
117:13, 117:16,
118:10, 118:16,
119:1, 119:7,
119:20, 120:10,
134:4, 134:11,
134:21, 135:8,
135:11, 135:13,
136:2, 136:17,
137:3, 138:7,
139:1, 140:7,
140:10, 161:12
300
3:7
33
162:15, 162:18,
163:9, 166:15
330
31:22
34
90:13, 90:22,
102:10, 173:20
35
7:15, 30:12,
89:3, 89:10,
90:13, 117:7
37
62:10, 69:6,
92:21
38
140:12
39
31:20, 75:15,
89:19

4

40
140:13
400
3:17
404
89:20
408
53:8, 53:10,
53:12, 53:13
41
31:21, 32:17,
35:5, 44:15,
81:7, 81:9,
81:10, 110:14,
116:17
410
53:6
411
53:12
42
65:8
43
15:17, 32:18,
35:5, 117:11
430
52:16, 52:17,

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619

53:7, 53:11, 53:15
44
47:12, 47:17, 93:2
45
87:16
450
158:6, 162:5
453
157:5, 158:3, 160:21, 161:18, 162:1, 166:14, 167:6, 167:9, 167:10
4531
2:4, 178:10
46
47:9, 107:19
47
98:22, 108:1, 162:16, 162:21
470
163:6, 163:12, 163:15, 164:7, 164:16, 165:2, 165:9, 165:20, 165:22
49
175:19, 177:16
4a
52:5, 84:11, 84:18, 85:6, 85:15, 143:18, 144:2, 144:5, 144:7, 144:9, 144:10, 146:2, 146:4
4b
52:5, 52:15, 52:16, 52:19, 53:5, 53:17

5

50
47:17, 134:12, 134:22, 137:8, 138:4, 138:9, 138:22, 140:6, 140:9, 140:12, 144:15, 144:22, 145:7, 151:3
500
157:5, 157:18, 158:2, 160:20, 161:14, 161:18, 162:1, 163:3, 163:10, 163:19, 164:4, 164:5, 164:17, 164:22, 165:8, 165:19, 165:21, 166:13, 167:3, 167:8
51
30:16, 38:5, 47:11, 125:4, 172:19, 172:22, 173:1, 173:2, 173:4, 174:6
52
68:18, 92:12, 141:18, 172:19, 174:6
53
92:16, 108:5, 125:13, 127:10, 174:22, 175:7
54
37:3, 79:13
544895
1:20
56
79:16
58
52:13, 134:7, 135:5, 135:18, 136:21, 139:5, 139:19, 140:2, 140:17, 141:8, 146:19, 149:22
59
53:5, 141:14, 150:1, 150:4, 151:4

6

6
125:4
60
49:12, 49:17, 50:4
600
161:15, 163:5, 163:16, 163:21, 164:1, 164:6, 164:17, 164:22, 165:10, 165:19, 166:10, 167:4
61
61:2, 146:20
619
5:14, 18:21, 25:2, 25:6, 25:10, 25:14, 25:22, 26:1, 26:5, 27:14, 28:6, 29:6, 29:18, 30:11, 31:18, 31:19, 32:5, 34:10, 35:6, 36:7, 36:15, 37:3, 38:5, 38:7, 38:15, 39:8, 39:11, 41:15, 43:15, 43:17, 44:11, 44:21, 47:6, 47:9, 54:1, 54:4, 54:11, 54:18, 56:6, 56:14, 57:12, 57:17, 58:2, 58:16, 60:7, 60:15, 60:16, 60:22, 63:18, 66:1, 66:11, 66:17, 67:5, 67:18, 67:21, 68:19, 72:4, 72:10, 72:12, 72:18, 74:12, 74:14, 76:20, 77:6, 77:16, 79:7, 79:10, 82:22, 83:10, 85:7, 85:17, 86:12, 90:11, 90:17, 92:9, 96:13, 98:11, 99:9, 102:15, 108:15, 109:6, 110:9, 168:4, 168:6, 169:1
62
44:12, 44:18, 44:21, 45:3, 67:9, 67:21, 143:16, 143:19, 144:3, 144:6
63
45:13
64
72:19, 84:2, 84:4, 84:5, 84:9, 84:19, 86:15, 139:13
65
72:22
66
65:6, 66:4
67
38:6
68
117:10, 117:12, 117:14, 119:2, 120:11
680
125:7
6818
3:8
69
120:22

7

701
108:2, 111:7
704.444
3:9
706
130:2, 131:3
710
108:9
720
108:8

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
219 of 220

722
129:22, 130:1, 131:1, 131:2, 131:4, 131:6, 131:8
725
122:17, 127:7
732
122:18, 127:8
74
121:16
76
131:1
760
107:17, 107:20, 107:21, 108:2, 108:6, 108:7, 108:8, 108:13, 108:14, 109:4, 109:5, 110:7, 110:8, 122:15, 124:6, 124:22, 125:7, 127:4, 130:1, 131:2, 131:7
764
111:9, 111:10, 111:13, 111:15, 111:17, 112:2, 112:5, 112:18, 114:1
77
7:15
7a
107:16, 108:12, 109:3, 161:16

8

8
1:18, 177:16
800
149:8
805
101:10, 149:8, 150:18
81
173:5, 174:4
82
124:9, 124:10
828
5:15
83
124:13, 125:13, 127:10
84
2:4, 178:10
85
93:18
858.678
3:19
86
99:16
88
128:17

9

90
84:6, 93:9
91
84:6, 139:7, 139:9, 139:12, 140:4, 140:16, 141:8, 149:22, 150:3, 151:2, 151:4
910
5:20
92130
3:18
93
142:10
94
14:6, 14:8, 142:22, 143:17
948
17:11, 18:5, 18:13, 18:18, 19:12, 20:6, 20:17, 21:6, 21:21, 22:18, 23:17, 24:6, 24:10, 24:19, 26:10, 27:2, 27:4, 90:18, 93:19, 133:22, 156:15, 172:21
949
17:12, 18:9, 18:13, 18:18, 19:12, 19:16, 20:6, 20:17, 21:6, 21:21, 22:19, 23:22, 24:6, 24:11, 24:19, 25:9, 79:21, 80:4, 80:11, 81:8, 84:3, 156:15
95
143:5, 143:18
96
133:21, 134:2, 134:5, 134:9, 143:10, 170:19
97
134:2, 135:9, 135:20, 135:22, 136:11, 140:18, 141:6, 170:15, 170:17, 171:22
98
137:18, 138:11, 138:15, 170:15, 170:17, 170:19, 170:20, 171:22

AliveCor Exhibit 1027
AliveCor, Inc. v. Apple Inc.
IPR2023-00949, U.S. Patent No. 10,866,619
220 of 220